

**THE
U.S. AIR
FORCE
AUXILIARY**

CIVIL AIR PATROL NEWS

**VOL. 34, No. 10
32 PAGES**

**NOVEMBER
2002**

Civil Air Patrol National Headquarters

"WHERE IMAGINATION TAKES FLIGHT!"SM

Maxwell Air Force Base, Ala.

Air Force Homeland Security director visits CAP National Headquarters

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CAP honors AOPA for 'staunch support of general aviation' in wake of '9-11'

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2003 National Congress on Aviation and Space Education

**Cincinnati/Dayton
April 2 - 5, 2003
Cincinnati Hilton Netherlands Plaza
Cincinnati, Ohio**

**Participate in hands-on workshops
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Discuss new ideas during Hangar Talk
Hear the following speakers:**

**Erik Lindbergh
Gus McLeod
David Cummock
Dr. Jack Bacon
Astronaut Eric Boe
Betty Geiger-Darst**

**Registration forms,
more information
on Pages 19-21**

**1903-2003
100 years of flight.**

SPRCKET ON PROPELLER SHAFT
DRIVEN BY CHAIN FROM ENGINE

GASOLINE TANK

ADAPTOR

WHEEL ROLLER ON MONO-
WHEEL AND USED AS FRONT
WHEEL ON TAKE-OFF

INSTRUMENTS TO MEASURE
VELOCITY, ENGINE RPM
AND TIME WHILE IN FLIGHT

ELEVATOR CONTROLS

TRUCK. A WOODEN BEAM, WITH "SHOCK"
PORTED THE AIRPLANE ON THE AIR
AS THE REAR WHEELS DURING TAKE-
BEHIND AS THE AIRPLANE ASCEND.

WING AREA, 550 SQ. FT. - AIR SPEED, 31 MILES PER HOUR
WING LOADING, 1.46 LB. PER SQ. FT.
POWER LOADING, 65 HP/LB. PER HORSE POWER (WITH PILOT)
REVOLUTIONS PER MIN. ENGINE, 1025; PROPELLERS 356
(REDUCTION, ABOUT 3:70:1)

WING DROP (ANTI-DIVE) 40 INCHES
HEIGHT, 600 POUNDS (WITHOUT PILOT)

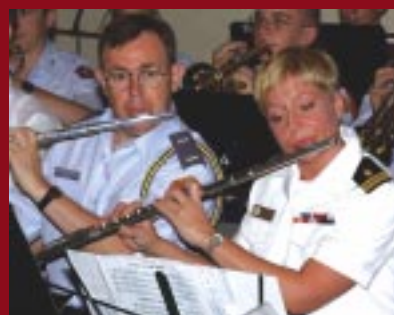
WHEELS FOR LANDING

WING, 20 SQ. FT.

Graphic by Linda Tynan (Images courtesy of The Franklin Institute Science Museum, NASA and The Wright Brothers Aeroplane Company)

**Periodical
Publication**

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Magic of music

**Senior members, cadets
take part in CAP National
Music Academy at Camp
Fretterd, Md.**

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Air Force chief of staff increases ranks of CAP national commander, vice



DEPARTMENT OF THE AIR FORCE
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, D.C.

Oct. 25, 2002

HQ USAF/CC
1670 Air Force Pentagon
Washington, D.C. 20330-1670

Brigadier General Richard L. Bowling
National Commander, Civil Air Patrol

Dear General Bowling

For 60 years, the United States Air Force Auxiliary has selflessly served our great nation and the United States Air Force with integrity, pride, and devotion. Beginning with Civil Air Patrol's antisubmarine coastal patrol missions of World War II — the original Homeland Security missions — and continuing with CAP's heroic deeds after 11 September 2001, CAP has earned the enduring appreciation of a grateful nation as our country's "Eyes of the Home Skies."

With the Auxiliary's proud record of service in war and in peace and your coming role in Homeland Security, I am pleased to notify you of two decisions that I have made in recent days. First, I have directed the transfer of Air Staff responsibility for policy, advocacy, and oversight of the Air Force Auxiliary from the Directorate of Operations and Training (AF/XOO) to the Directorate of Homeland Security (AF/XOH). Second, in recognition of the approaching Homeland Security responsibilities to be borne by the Air Force Auxiliary, I have directed modification of the Air Force Auxiliary general officer rank structure to increase the rank of the CAP National Commander from Brigadier General to Major General, accompanied by an increase of rank for the CAP National Vice Commander from Colonel to Brigadier General, effective 1 December 2002, the 61st anniversary of the activation of Civil Air Patrol.

On behalf of the Active, Reserve, Guard and Civilian members of the United States Air Force, thank you for the Air Force Auxiliary's service to the nation, and please accept our heartfelt congratulations on your promotion to the rank of Major General.

Sincerely,

John P. Jumper
General, USAF
Chief of Staff

Editor's note: An identical congratulatory letter also was sent to CAP National Vice Commander Brig. Gen. (select) Dwight Wheless by Air Force Chief of Staff Gen. John P. Jumper.

CIVIL AIR PATROL NEWS

Civil Air Patrol
National Commander
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AF's Homeland Security chief visits new national ops center

NATIONAL HEADQUARTERS — The U.S. Air Force's director of Homeland Security, Brig. Gen. Dave Clary, visited Civil Air Patrol National Headquarters at Maxwell Air Force Base, Ala., for an up-close look at the organization's homeland security capabilities.

The general received numerous in-depth briefings on the volunteer group's available personnel and equipment for homeland security work, and toured CAP's new National Operations Center, which officially opened Oct. 1.

"I knew this organization was large, but its capabilities are greater than I'd thought," the general stated.

Clary also said CAP "has upward potential," and he intends to discuss CAP's capabilities with other officials in Washington, D.C., including those in Air and Space Operations for the U.S. Air Force.

According to Col. Al Allenback, executive director at CAP national headquarters, Clary's visit to headquarters went as planned.

"We were pleased General Clary was able to get our homeland security capabilities briefing firsthand, and hear about the potential for exploitation of 'beyond-the-eyeball'

technologies to enhance security around the clock."

CAP's new operations center allows the organization to provide "one-stop shopping" for its counterdrug and homeland security customers throughout the nation. Those customers include federal, state and local government agencies.

Col. Rick Greenhut, commander of CAP's Northeast Region, briefed the general on CAP's response after the Sept. 11 terrorist attacks. Greenhut's region includes New York City and Pennsylvania. He discussed his wings' missions in disaster relief and reconnaissance, calling CAP a "cost-effective force multiplier" for agencies charged with law enforcement and emergency management.

John Salvador, director of Operations at CAP National Headquarters, echoed Allenback's comments.

"The general's visit was an outstanding opportunity to showcase CAP's homeland security capabilities and our new National Operations Center," said Salvador. "He was particularly impressed with our efforts to pursue advanced mission technologies. These capabilities will make CAP an extremely effective resource in the nation's war on terrorism."



Photo by Melanie LeMay

Far right, Brig. Gen. Dave Clary, director of Homeland Security for the Air Force, watches Sandra Gaines, mission coordinator in the CAP National Operations Center, demonstrate the new Web Mission Information Reporting System software. Looking on is John Salvador, left, director of Operations, and Malcolm Kyser, chief of Communications.

The NOC's primary missions are to support and coordinate counterdrug and homeland security operations. It is equipped with a computerized call-handler system to forward incoming calls to the appropriate telephones on a "24/7" basis.

The NOC also provides routine assistance to other agencies on other of CAP's missions.

"We helped coordinate search

and rescue and reconnaissance missions after the recent tornados in Mississippi, Alabama, Tennessee and Indiana," said Rick McDow, NOC chief. "Essentially, the NOC's mission is to streamline and enhance communications between the agencies and people in need of CAP's support and our volunteers in the field that provide it."

The NOC's toll-free "24/7" number is (888) 211-1812.

AT A GLANCE

■ Update on CAP uniform policies

NATIONAL HEADQUARTERS— At the recent meeting of the Civil Air Patrol National Executive Committee, a proposal was approved to extend the wear of the ultramarine blue jumpsuit from Jan. 1, 2003, until Dec. 31, 2003. The extension was approved to allow members additional time to transition to the new dark-blue utility uniform. However, the ultramarine blue jumpsuit will no longer be sold in the CAP Bookstore.

Other recent phaseout dates are listed below, along with the effective dates for several new uniform policies:

- ✓ White aviator shirt with black blazer, nametag — March 2001;
- ✓ White golf shirt — Jan. 1, 2002;
- ✓ Ultramarine blue golf shirt — Jan. 1, 2003;
- ✓ BDUs and Air Force-style flightsuits without grade insignia — Jan. 1, 2003;
- ✓ Blue field uniform — available Jan. 1, 2002;
- ✓ Blue utility uniform — available Jan. 1, 2002; and
- ✓ CAP ribbons on aviator shirt — approved March 2002.

■ Brothers help rescue crash victims

TENNESSEE — On Sept. 28, Sr. Mbr. Sean Kinner and his brother, Cadet Maj. Brian Kinner, both of the

Berry Field Composite Squadron in Nashville, were spending a relaxed evening at home. At about 10:45 p.m., the two emergency-services trained members responded to a loud crash outside their home.

They found a fiery crash site involving two automobiles. Sean extinguished the flames with a fire extinguisher and then rescued passengers from the automobiles with assistance from other people on the scene. Sean and Brian then administered first aid to the two surviving passengers until medical help arrived.

"I just did what anyone would do, and I'm thankful I had the emergency services training so that I could help the injured," said Sean.

"Sometimes I've wondered how my ES training would ever help me," said Brian. "Hopefully I won't ever have to work an aircraft accident, but the training I now have has paid off in a way I never would have expected."

■ Florida cadets at right place, time

FLORIDA — Already on the main ramp at Tallahassee Regional Airport, cadets from the Tallahassee Composite Squadron were readying for an evening briefing about the Air Force's T-38 Talon training aircraft.

Aircrews from Columbus Air Force Base, Miss., were making final preparations to present their three aircraft to the cadets when the group was notified an inbound

executive jet carrying a VIP would need to be parked where they were standing in formation.

Cadet flight Leaders quickly marched their flights into a single file formation and created a long row of cadets. When the aircraft stopped, the passengers disembarked into vehicles that formed a two-vehicle caravan. The flight leaders quickly ordered a hand salute as the caravan passed by. At that moment, the convoy slowed, made a U-turn and then stopped directly in front of the flight leaders.

A door opened from one of the vehicles and out stepped Florida Governor Jeb Bush. The governor returned the salute, and then shook hands with every cadet and thanked them for their help. He also told each one they were involved in an excellent program.

CAP SAFETY STATS		
	FY 02	FY 01
Fatalities	5	0
Serious injury	6	3
Bodily injury	16	13
Vehicle mishaps	13	15
Aircraft incidents	39	25
Aircraft accidents	9	4

CAP honors AOPA for its staunch support of general aviation in wake of '9-11'

Melanie LeMay

*Public Relations Specialist
CAP National Headquarters*

NATIONAL HEADQUARTERS — The Civil Air Patrol recognized the Aircraft Owners and Pilots Association with a special appreciation award Oct. 26.

On behalf of the volunteer organization's 62,000-plus members, CAP National Commander Maj. Gen. (Select) Richard L. Bowling, presented the award to Phil Boyer, AOPA president, during AOPA Expo 2002 in Palm Springs, Calif.

Bowling applauded AOPA's staunch support of general aviation following the terrorist attacks on America Sept. 11.

"AOPA played a key role in keeping nonmilitary pilots in-

formed after restrictions were suddenly placed on aircraft following the attacks," Bowling said.

CAP is chartered by Congress to support civil aviation, and AOPA is a significant partner in CAP's ability to provide such support, according to Bowling.

"In the post '9-11' world of general aviation, CAP pilot members have depended a great deal on AOPA's efforts to disseminate accurate information as the new rules of airspace restrictions were defined and frequently changed," said Bowling. We believe CAP could not have done its job as effectively without AOPA's leadership."

Boyer accepted the award during the AOPA Expo Grand Finale Banquet in the Wyndham Hotel ballroom.

"On behalf of the more than 387,000 AOPA pilot/members and the



Photo by Jim Campbell, www.aero-news.net

Left, CAP National Commander Maj. Gen. (Select) Richard L. Bowling shakes the hand of Phil Boyer, president of the Aircraft Owners and Pilots Association, after presenting him with a ceramic sculpture of an American bald eagle and U.S. flag. The award was in recognition of AOPA's staunch support of general aviation in the wake of the Sept. 11 terrorist attacks.

dedicated staff of AOPA, we are most honored to accept this recognition," said Boyer. "Many don't realize that following the 9-11 tragedy, some of the first planes flying were those of the

CAP. When our nation has faced national security concerns as it does now or it did in World War II, the CAP has been an effective part of the solution."

Wyoming, Colorado wings work together

CAP ground team locates downed C-210 in WY mountains

Col. Betty Cash

*Incident Commander
Wyoming Wing*

WYOMING — It started out as a seemingly routine hunt for yet another emergency locator transmitter in a safely parked aircraft at 8:30 p.m. Oct. 2 when officials at the Air Force Rescue Coordination Center opened mission #02M2374.

Col. Betty Cash, wing incident commander, was told the source of the ELT signal was near Laramie, Wyo. Cash then notified Maj. Gary Wilkerson, an incident commander and resident of Laramie, and turned the mission over to him.

The weather forecast for the entire state called for a heavy overcast, falling tem-

peratures and snow by morning.

Wilkerson soon alerted fellow wing members in the Laramie area. Maj. George Twitchell and 1st Lt. John Sutherland set out as a ground team to check the local airport and track the ELT signal to whatever 'garage or hunter's four-wheeler it may have been coming from.

As the night progressed, it became clear to all of the first responders that the ELT signal was coming out of an extremely rugged mountainous area northeast of Laramie — an area marked by canyons, ravines and absolutely no

roads.

During the night, Wilkerson learned a Cessna C-210 with one on board was missing on a flight from Billings, Mont., to Weld County,

As the night progressed, it became clear to all of the first responders that the ELT signal was coming out of an extremely rugged mountainous area northeast of Laramie — an area marked by canyons, ravines and absolutely no roads.

Colo., just north of Denver. The flight had departed at about 2 p.m. on an instrument-flight-rules flight plan.

Later witness reports

stated a small aircraft had been seen circling northeast of Laramie. Radar contact ceased at about the same point. Both events coincided with the numerous search and rescue satellite merges reported by the AFRCC.

While the initial wing and local sheriff's office ground searchers remained out in the field trying to track down the source of the ELT signal, the weather forecast proved accurate. Temperature in the

search area dropped to about 20 degrees, snow fell and clouds dropped to 0 feet.

At first light, mission IC duties were returned to

Cash, and Wilkerson headed out to the field. Calls for additional forces went out at about the same time.

Aircraft and flight crews were available but weather prevented any flying. Ground teams geared up and headed to the field command post set up by the Albany County Sheriff's office. Wyoming Wing members fielded three ground teams and two ground teams from Colorado Wing reported in.

After a very difficult night and morning of working their way through the roadless wilderness, a CAP ground team headed by Wilkerson reached the crash site at 11:15 a.m. and silenced the ELT at 11:32 a.m. The pilot did not survive.

Texas Wing members receive disaster relief awards

TEXAS — Retired Air Force Brig. Gen. David Lee “Tex” Hill, famed for his leadership as the commander of the 2nd Pursuit Squadron (Panda Bears) of the Flying Tigers in World War II, and Col. Bob Cheeseman, commander of Texas State Guard’s 4th Air Wing, presented disaster relief awards to members of the Texas Wing and Boy Scouts of America for their selfless dedication in providing disaster relief following the destructive flooding in New Braunfels and Comal County, Texas, in July 2002.

The flood, which was declared a national disaster by President George Bush, caused massive damage and put thousands of people out of their homes.

The Texas Wing was one of the main organizations that responded. The wing was the primary organization working under the Texas Department of Emergency Management (TXDEM).

Other organizations — mainly the Boy Scouts, Red Cross and Salvation Army — also worked at this facility under the wing’s incident commander.

Wing members unloaded semi-trucks of relief supplies, stocked the warehouse, built relief kits, and delivered supplies to relief agencies in the field and to affected residents throughout the county. Working with other agencies, including the Federal Emergency Management Agency, TXDEM, Boy Scouts, Red Cross and Salvation Army, wing members delivered in excess of 60,000 bottles of drinking water, 30,000 food packages, more than 5,000 cleaning kits, and worked in excess of 1,890 man-hours over a two-week period.

Each CAP member who participated in the relief operation was awarded the CAP Disaster Relief Medal with a valor device.

The following individuals were also awarded the Brig.



Photo by 2nd Lt. Ron Waters

Sitting with retired Air Force Brig. Gen. David Lee “Tex” Hill, famed for his leadership as the commander of the 2nd Pursuit Squadron of the Flying Tigers in World War II, during a Texas Wing awards ceremony are cadets Tech. Sgt. Ben White and Airman 1st Class Kurt Waters. Along with many others, both cadets were recognized for their efforts during flood-relief efforts this summer.

Gen. David Lee “Tex” Hill Award for Exceptional Performance: Sr. Mbr. Nathan Culpepper, Kelly Composite Squadron; Cadet Tech. Sgt. Benjamin White, Tex Hill Composite Squadron; Cadet Airman 1st Class Kurt Waters, Pegasus Composite

Squadron; Cadet Airman Cynthia Hernandez, Tex Hill Composite Squadron; Cadet 1st Lt. Anna Finn, Bell County Composite Squadron; Cadet Airman 1st Class James Fitzgerald, Pegasus Composite Squadron; Cadet Staff Sergeant Joseph

Devine, Apollo Composite Squadron; Cadet Airman 1st Class Darryl Johnson, Lackland Cadet Squadron; and Life Scout Jacob Freida, Troop 777, Eagle District, Alamo Council, San Antonio.

The following received the Pegasus Award for Exceptional Performance: Lt. Col. Pal Scully, incident commander and Group 8 commander; Lt. Col. David Bearce, mission coordinator, Tex Hill Composite Squadron; 1st Lt. Valerie Bearce, incident staff, Tex Hill Composite Squadron; and Maj. Jarad Wire, ground team leader, Kelly Composite Squadron.

1st Lt. Thomas Adams, Tex Hill squadron commander, presented Hill with a certificate designating him as the squadron’s honorary commander. Adams said the members of his squadron are “proud Hill has allowed the squadron to bear his name and exemplify the same volunteerism he epitomizes.”



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TX unit receives USCG praise

TEXAS — A recent U.S. Coast Guard evaluation of a joint U.S.-Mexico Mexus exercise lauded the role played by members of Texas Wing’s Brownsville Composite Squadron.

The unique four-day exercise simulated a large oil spill in the Gulf of Mexico.

The exercise plan was to evaluate the coordination of federal, local and state agencies from both countries. The squadron’s aim was to demonstrate the capabilities of slow-scan video to the Coast Guard.

A Cessna C-182 from the Brownsville squadron flew two sorties. While airborne, the aircrews shot real-time pictures of “cleanup” operations and transmitted them back to base headquarters on South Padre Island.

“The Civil Air Patrol greatly contributed to the real assessment of equipment-deployment operations,” Coast Guard evaluation officials stated.

Favorable comments were made about the quality of the images and the technology. In addition, the images were provided to all key participants on a compact disc.

Sortie 1 was flown by Capt. Robert Kirkconnell and Alex Neacsu. On the second day — after the spill had drifted — another flight was made by Lt. Col. Florentino Galvan and Capt. Robert Kirkconnell, pilots, and 2nd Lt. Michael Contreras, cameraman.

Maj. Wayne E. Wells, squadron commander, downloaded the images, while Maj. Bobbie Anderson handled communications.

Other participants included: 1st Lt. Gerald Close, safety officer; Texas Wing’s Group 3 Commander Maj. Chris G. Bujanos Jr., project officer; and Lt. Col. Fred Deyesso, assistant project officer.

More than 250 people from 17 American and nine Mexican organizations took part. Planning started almost a year before the exercise.



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CAP742DCH	large / long length
CAP742DCJ	x-large / regular length
CAP742DCK	x-large / long length
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This jacket is made specifically for

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#CAP742PEK (X-Large/Long), #CAP742PEL (XX-

Large/Reg), #CAP742PEM (XX-Large/Long),

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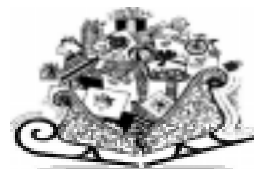
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Size 48 to 52	\$210.00	\$225.00
Size 54 to 60	\$225.00	\$240.00



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\$69.95



USAF SECURITY JACKET Cold weather blue USAF



Security Jacket, waterproof nylon outer shell, laminated full polyester twill lining, knit cuffs and waistband, with epaulets. Zipper front closure with wind flap, slash side entry pockets with flaps. Two inside pockets. Pen & pencil holder on left sleeve. #CAP742SAB (Medium), #CAP742SAC (Large), #CAP742SAD (X-Large) & #CAP742SAE (XX-Large).

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GI Style, MA-1 BLUE FLIGHT JACKETS

Navy blue. Features: Reversible to orange lining, Heavyweight, Full cut, High quality, durable zippers, 100% nylon shell and lining, 100% polyester fiberfill. #CAP742MCB (Small), #CAP742MCC (Medium), #CAP742MCD (Large), #CAP742MCE (X-Large), #CAP742MCF (XX-Large), #CAP742MCG (XXX-Large) & #CAP742MCH (XXXX-Large)

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Summer 2003

CAP special activities offer growth, development

The summer of 2003 seems very far away here in November. However, for cadets and their parents, this time of year is one for looking ahead for opportunities for growth and development by participating in programs offered by your Civil Air Patrol's Cadet Programs.

I want to call your attention to the opportunities available to our cadets that are highlighted in this month's issue of the *Civil Air Patrol News* — the National Cadet Special Activities. On Pages 15-18, you will find a list of the various National Cadet Special Activities the staff is working on for next year.

The Cadet Programs staff has been working hard to find locations and dates for all of these activities. Some of them will have a "TBD" (to be determined) next to them. That is because some important ingredient for a specific activity may not have been finalized as yet. Therefore you should continue to check the Cadet Programs Web site at www.capnhq.gov for updates.

The course objectives and aims for all the activities can be found on those pages; however, I would like to call your attention to three activities you may not be familiar with.

The **Aerospace Education Academy** at the CAP Education and Training Center at Oshkosh, Wisc., will be offered this year for the first time. This academy is being conducted in partnership with the Experimental Aircraft Association, and will offer some unique opportunities for cadets who think they might want to pursue careers in the air and space industry.

In one such opportunity, the cadets will form teams and participate in a humanitarian assis-

tance mission they plan. Each team then moves to a simulator complex where they get a chance to execute the mission, from beginning to end, in a friendly competition with the other teams. Additionally, if a cadet has ever thought of building his/her own aircraft, this activity will give them an opportunity to see what that would be like, as they participate in workshops on sheet metal, fabric and composite material repair.

You can see that cadets participating in this activity will experience challenges that have not been offered before, and it will give them an insight into the career fields associated with aircraft construction and repair, as well as flying.

The **Engineering Technology Academy** was done last year, but many of you may not have been aware of it because it was not finalized until late. It is an activity done in partnership with Auburn University in Alabama, which has an outstanding engineering school. This academy is designed to let cadets see if they want to get into the challenging career of engineering, as it relates to aerospace topics.

Last year, cadets spent time both in aerospace engineering and textile engineering departments working on aviation and space-related projects, such as composite material flywheels for space craft. The cadets who did this for the first time found it to be both exciting and informative; many are wanting to return for a second year. The academy gave them a better picture of what an engineer in the aerospace career fields does for a living. If this prototype partnership proves successful, then we will try to build similar partnerships with other universities across the nation.

The **Advanced Technology Academy**, which we did for the first time last year, was so successful that we will be conducting two in the summer of 2003. One will be conducted in Waco, Texas, and another on the campus of Dowling

College's School of Aviation on Long Island, N.Y.

These academies will offer cadets an opportunity to participate in several of the technologies being use by CAP today. The cadets come away qualified to help in those support areas should they be needed for an actual mission. In addition,

this year, based on comments from last year's attendees, we will be offering some elementary programming to be taught CAP National Headquarters Information Technology staff. If you want to learn how to build a Web site for your unit, this will be the place. There will also

be some flying involved with this activity.

All in all, an exciting summer with some major activities has been slated for our cadets this year. All of the activities are planned to help our cadets grow in their leadership and life skills. Career exploration is the hallmark of our activity program.

Everyone has become keenly aware of the need for homeland security since the events of Sept. 11, 2001. Some may think it is a stretch to link cadet programs as a factor to the homeland security capability equation, but I'm not one of them. The aerospace industry and technologies associated with that industry are a vital resource for our national security, both at home and abroad.

The homeland security challenge will not go away soon — it is going to be with us for the foreseeable future. With our cadet program emphasizing career opportunities in aerospace industries, CAP is making an often-overlooked contribution to the homeland security arena for the long term — an educated, highly motivated work force. If we are to combat these challenges to our homeland, we must grow a population of cadets who possess technological skills, engineering aptitudes, and a strong interest in aviation and space. Such a work force is equally important to national security as the latest piece of sensor equipment. And who knows? One day it just might be a cadet attending the Engineering Technology Academy who invents a better one!



NATIONAL PERSPECTIVE

Maj. Gen. (Select)
Richard L. Bowling
CAP National Commander
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Aerospace Education Academy
Engineering Technology Academy
Advanced Technology Academy

All in all, an exciting summer with some major activities has been slated for our cadets this year. All of the activities are planned to help our cadets grow in their leadership and life skills. Career exploration is the hallmark of our activity program.

We have to go beyond being our best

One of the earliest challenges I received in my academic career was couched in a simple piece from literature that was presented to my late 1940s English class by Dr. Eva B. Dykes. She read the following words that have rushed like a rip tide through my mind ever since: "A man's reach should exceed his grasp or what's a heaven for?"

I've pondered these words again and again, and when I do, I ask myself, "What am I reaching for that is beyond my grasp? Why am I reaching for it? Is it worth the effort?"

This always brings to mind something a Christian writer wrote centuries ago. I speak of Saint Paul, who, in an address to fellow Christians in the city of Philippi, wrote, "My friends, it is a fact that I have not yet reached my goal or its prize. So, I struggle for what lies ahead. And I run toward the goal so that one day I can win the prize. If not today, one day."

There was something outside his present experience that Paul knew of, and it is evident he was eager to lay claim to it. It seems that Paul was committed to engage in this quest throughout the remainder of his life.

As I ponder his words, I think Saint Paul is telling us that it is an ill-founded decision that coerces us to discontinue our quest at the point which we perceive to be the best that we can be. Indeed! The relentless pursuit of the human mind for perfection and excellence is ratcheted up by those electric impulses of the mind that suggest the slightest possibility of taking — of escalating — objectivity to the next level.

The mind opines, "You have come this far, and life with its myriad aspects and possibilities, is within range, holding out itself to you. And you dare stop at the threshold of knowing what heretofore was unknown — not unknowable, just unknown — to you? Though it may call for climbing the

rough side of the mountain, we can discover what lies beyond the mountain's peak."

Where would the world of aerospace education be today if, after that brief flight of Orville and Wilbur Wright at Kitty Hawk, the world had placed a period after the notion of traveling around in those flying machines?



FOCUS ON SERVICE

Chaplain (Col.) James H. Melancon
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We are acquisitive by nature, and it is that very acquisitiveness that points us in the direction of the lofty plateau that affords the leap from possibility to probability. Or, as the writer of the letter to the Ephesian Christians put it, to that pinnacle of actualization that prompts, "I can do all things through the One who enables me." Call Him by whatever name you will, whether god or God or just "a providential influence," there is a God. He is ambitious to trash our doubts and distill within us a consciousness of His enabling that makes it possible for us to do all things.

The old cliché, "I've done all I am able to do," will not suffice in the face of the ever-expanding missions placed before our beloved volunteer organization. The challenge is to move beyond being our best.

Our noble predecessors who dreamed the dream of CAP's Coastal Patrol and claimed, as their realm, the skies of our Eastern shores from Maine to Mexico, did not shunt the dream in a flawed haven of satisfaction as they flew the azure skies chasing away German U-boats. They continued to dream beyond dreams into dimensions of service as yet not determined. Their successors continued

to dream the dream all the way into the three primary missions of the CAP.

The successors to their successors — our age of the CAP — continued the dream, presenting themselves to our parent organization with bushel baskets in outstretched hands filled with potential for service. Their hands were filled with noble tasks, such as counterdrug missions and the like.

Now, our hands are filled with bushel baskets of opportunities to serve in America's homeland security effort.

Thankfully we are bent on holding the momentum of "beyond being our best" that has been passed on to us.

Patti Davis, the daughter of former President Ronald Reagan, identified a dangerous demon that can derail us and send our ambitions and dreams of service down the path to oblivion. In the July 28, 2002, issue of *Parade Magazine*, Patti shared something her father apparently suggested to her. It was something like, "Let's come out from the constricted self estimate we carry around."

A constricted self estimate is an unobtrusive limiter. "This is all I can do" is a crippling limiter. To say it, is to derail one's innate creativity.

How many times have we used a piece of bailing wire to repair what could not be repaired? We are already on a unique threshold to which we have been called to serve our homeland. And we can do it! Doing it is a part of the tapestry of God's ideal for you and me: His ideal of what He wants us to do. Listen!

"Higher than the highest human thoughts can reach is God's ideal for [the achievement of] His children [White]." We can go beyond being our best. We have to!

Dare we suppose what the state of the American continent would be today if Columbus had not said to himself, as he pondered the broad



Thanksgiving is a reminder that the human soul is capable of topping its best, is capable of doing beyond its capability to do, is capable of going beyond being its best. We can do all things, anything, through God who enables us.

expanses of the Atlantic, "I can do it!", and if the Pilgrim fathers had not followed fearlessly in his wake? Had he and they not, we would not be on the threshold of celebrating the greatest purely American Holiday in our culture — namely, Thanksgiving. And how thankful we are that Columbus did dare to say, "I can do it!"; and our Pilgrim fathers followed fearlessly in his wake.

Thanksgiving is a reminder that the human soul is capable of topping its best, is capable of doing beyond its capability to do, is capable of going beyond being its best. We can do all things, anything, through God who enables us.

We can do it. We have to, or else we will wake up one morning and find ourselves limited in our ability to perform the missions we are about to be asked by our country to do.

We can do it. We can go beyond being our best. We have to. And Thanksgiving is a reminder that we really can do it!

Communications system stressed, but stable

In last month's column we discussed the revelations that occurred in the early 1990s concerning our communications system and new requirements that were being placed on us. We discovered we had serious problems in that most of our VHF communications equipment was not actually legal for the federal band of frequencies in which we operate, and future changes to those equipment requirements were going to require a complete replacement of all our VHF/FM radios. This called for a plan.

Communications Strategic Plan

A lot of research followed to determine which equipment was allowable and which was not. We began by attempting to nail down exactly how much communications equipment was absolutely necessary to perform our missions and to start the process of seeking Air Force funding assistance for these mandated changes. This process culminated in a meeting of the communications managers at the August 1998 Civil Air Patrol National Board meeting in Atlanta. We presented the "comm" managers everything we knew about our situation and worked with them to lay the foundation of the Communications Strategic Plan, which was ultimately accepted as policy by the CAP National Executive Committee in November of that same year.

Many forward-looking initiatives were introduced in the plan, including a system for establishing communications requirements and the first-ever baseline for programwide funding. The communications managers also set up a series of program transitions or "sunset" dates that were designed to move us from where we found ourselves in 1998 to where we had to be by 2008. These transitions included actions such as stopping the introduction of any more equipment that was not at least compliant with the current requirements and stopping corporate acquisition of any equipment not capable of service beyond 2008. There was also a plan which allowed for the "grandfathering" of the non-compliant equipment already in the system for several years.

It was understood that, even though we found ourselves in an illegal position, we could not cease all non-compliant operations immediately because of our mission responsibilities. The communications managers believed — and the NEC agreed — that three years was a reasonable period for prioritizing of requirements and movement of assets to support mission-critical communications needs with legal equipment.

Therefore the NEC adopted the plan to grandfather the non-compliant equipment in the communications system for a three-year period expiring at the end of 2001.

To be perfectly honest, CAP did not actually have legal authority to do this. Technically, once we found ourselves in violation of federal code and the Air Force made it clear they didn't have authority to waive the code, we were compelled to come into compliance. But, by accepting responsibility for our situation, identifying the problem, and enacting a plan to bring ourselves into compliance, we essentially bought three years of grace which allowed us time to prepare. Many wings took advantage of those three years and were ready when the Dec. 31, 2001, milestone arrived. Unfortunately, not all did.

During the final year prior to the Dec. 31, 2001, deadline, and especially in the last few months, the tempo of discussion picked up.

National headquarters studied the status of preparations being made; the level of compliant equipment in the field and compared this to the estimated requirements baseline from the strategic plan. We encouraged communications managers not to evaluate their situation based on a comparison of what they had versus what they would have after the transition. But rather, we believe a more appropriate estimation of the situation is rendered by comparing on-hand resources to estimated mission requirements. For example, look at what you have compared to what you need — instead of what you have versus what you had.

Based on our study, we believed CAP was ready to transition to legal equipment. Certainly there would be some problems and there would be some mission impact, but we were convinced there would not be any mission failure as a result of these changes. Some sharing and moving of equipment would probably be necessary in some areas, but it appeared that sufficient equipment was available to support the mission post Dec. 31, 2001. Ten months after that deadline, we still believe this to be true.

Show me the money!

As mentioned above, funding has never been

adequate for the communications program and, as a result, the membership has had to bear the financial burden of supplying CAP with a mission-critical communications system. From our first discovery of the requirement to transition our communications system to commercial equipment, the national headquarters position has been that this must be federally funded. We believe it is wrong and unfair to expect the members to provide such a crucial tool for conducting the CAP

missions. Therefore, we have endeavored tirelessly to secure the funding.

For the past seven years, we have availed ourselves of every possible opportunity to find additional funding for

the communications program. These efforts have been in two principle areas. First, we have consistently entered this requirement into the Air Force budgetary planning process called the Program Objective Memorandum and, second, we have appealed for all funds not spent by other national headquarters programs at the end of every fiscal year. The result of these efforts has been the addition of 1,611 VHF radios, 729 HF radios and 101 repeaters valued at slightly over \$3.4 million.

To date, we have not been successful in changing the baseline funding for the communications program through the POM process, but there is hopeful news on that front. In response to a Statement of Work directive, we have completed work on a Table of Allowances (TA), which will establish a system of standards to validate our communications requirements. This is an outgrowth from the work which began with the strategic plan in 1998. The TA provides common ground on which CAP and the Air Force can agree upon what is required and what funding is justified.

The coordination of the TA has resulted in support from both Air University and Air Education and Training Command for the funding necessary to support the transition to narrowband. In addition, the communications directorate at AETC has now undertaken our funding initiative as a priority.

In the long term, the result of the TA is Air Force agreement for an adjustment to the annual communications funding. AU and AETC are now working to enact changes to our baseline which could begin in 2006. The result of the somewhat painful measures we have subjected ourselves to, in order to comply with all pertinent guidance,

COMMUNICATIONS

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Team revises national health program regs

When the new Civil Air Patrol National Health Services Program was developed and inaugurated in 1996, the developing group realized that one of our goals needed to be to rewrite the CAP medical regulations, which had become very much outdated.

The development team was led by Air Force retired Lt. Col. Ruth Anderson — then an Air Force major — and included Diana Bergman, a registered nurse, former CAP member Lt. Col. Steve Robinson and myself.

One of our goals was to assure the regulations would reflect a clear health promotion/wellness philosophy, which had become Air Force policy.

One of our goals was to assure the regulations would reflect a clear health promotion/wellness philosophy, which had become Air Force policy. At both the 1994 and 1995 annual conferences, Lt. Col. Anderson and another Air Force nurse and colleague, Maj. Dixie Lyon, had introduced, via seminars and general assembly presentations, health promotion, wellness and disease-prevention concepts.

We believed strongly these concepts needed to be infused into all CAP activities, and saw the job of CAP health services as trying to prevent “disasters waiting to happen.” We now — finally — have those new regulations! After review by our interdisciplinary Health Services Working Group and field elements, they were approved by the NEC at their May 2002 meeting and sent out for distribution in July.

I believe CAP Health Services will be revitalized even further with the implementation of the new CAP Regulation 160-1 and corollary changes to other regulations, as they establish an undergirding philosophy of wellness, preventive medicine and health promotion. CAPR 160-1 also stresses training and preparedness for flying and field activities. However, medical care remains limited to first aid and stabilization in preparation for transfer to definitive care.

All health services personnel will be required to be current in first aid, CPR and blood borne-pathogens/disease prevention. All are also expected to espouse the Air Force wellness/fitness/health promotion philosophy.

A major change in the rewritten CAPR 160-1 was to greatly expanded the types of health professionals and paraprofessionals who can be appointed to health services positions. From the survey we conducted in 1997, we found there were many health professionals in

CAP who were not in a health services position, because the old regulations were very limiting, especially in the medical service officer category — only hospital administrators, medical records

All the uniformed services have long since gone to having medical units headed or commanded by both physicians and non-physicians. The health services program officer is on the commander's staff.

CAP National Headquarters sent to all units in September a new health services survey. If you have not received it, please let me know. If you have, please complete it as soon as possible, with our thanks. It is crucial we evaluate the program.

While personal professional growth and continuing education in one's discipline are expected, we also want to develop CAP-specific training. To that effect, a health services staff college and possible correspondence courses are in the initial development stages.

Much has been accomplished since Lt. Col. Anderson “led the charge” several years ago, but much still needs to be done. As I have noted in this column previously, we would not think of flying without thoroughly pre-flying our aircraft and assuring it is fit to fly. Why should we not do the same with our bodies and minds and spirits, and so be well-prepared for our CAP responsibilities?

If we do it right, our symbolic three-bladed prop of prevention, physical fitness and preparedness will continue to propel us forward, so that we may serve faithfully and well, and in optimal health.

Semper vigilans!



FIT TO SERVE

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librarians and “technicians” were eligible for such appointments.

What the new regulation does is mirror the health disciplines in the Air Force Biomedical Sciences Corps and Medical Service Corps. We have also changed the title “medical service officer” to “health services officer” in a further attempt to promote a health promotion/prevention message rather than the old medical “fix it” ideology.

CAPR 35-5 has been changed appropriately to reflect these changes, and other regulations affected by the new 160-1 will be reviewed and appropriately amended.

Again, following the Air Force, we have changed the unit position title, but not the personal professional title, from “medical officer” to “health services program officer.” This position — at all levels — can now be held by anyone in any of the noted health professional disciplines.

Communications . . . from Page 10

has been the achievement of Air Force support for the full funding of the communications program.

Where we are today?

In the end analysis, we believe our communications program is stable but stressed. We are currently in compliance with all applicable rules and regulations with the exception of some of our aircraft radios which the NEC decided we must continue to operate until November 2003. Immediate short-term funding to prepare us for future

changes to the requirements is very possible. And, long-term adjustments to our funding profile are being coordinated. Support from the Air Force for the program has now been secured.

The result to the changes we are currently going through will be a professional communications system for CAP well into the future without requiring the membership to assume the financial burden.

The end result

CAP's communications program is stressed,

but currently stable. We are now in compliance with all applicable rules and regulations with one exception — aircraft radios — which the NEC decided we must delay until November 2003. Short-term funding relief to provide for immediate needs is likely. Long-term adjustments to our funding profile are being coordinated. Support from the Air Force for the program has now been secured.

The forward movement we committed to and somewhat painful measures we took to comply with federal regulations is resulting in Air Force support for full funding of the communications program. The end result — a professional CAP communications system without the membership having to assume the financial burden.



2002 MEMBERSHIP RECRUITING & RETENTION CAMPAIGN

RECRUITMENT ★ APRIL 1, 2002 - MARCH 31, 2003

RETENTION ★ APRIL 1, 2002 - MARCH 31, 2003

Contest Rules

- 1) Individual prizes are based on new members recruited.
- 2) Squadron prizes are based on number of members eligible for renewal at April 1, 2002, who are retained during the campaign.
- 3) Recruiting credit will be given only for individuals recruited as "new members".
- 4) In the event of a tie for recruiting or retention awards, the tie will be broken by a drawing at National Headquarters.
- 5) Membership applications must be signed by the new member, unit commander and processed between April 1, 2002 and March 31, 2003. Membership renewals must be processed between April 1, 2002, and March 31, 2003. (The retention campaign actually runs until June 30, 2003, so that all of those whose renewal date runs through March 31 can be captured in the report. There is a 90-day grace period in which they can renew.)
- 6) The individual listed as recruiter must be a member in good standing at the close of the campaign to qualify for prizes.
- 7) Only one member will be credited for recruiting the new member. The member's name, charter number and CAPID must appear on the membership application for (CAP Form 12 or 15). To ensure proper credit, make sure your name, charter number and CAPID are correct.
- 8) Applications returned by CAP National Headquarters for incorrect or inadequate information cannot be considered unless they are corrected and processed prior to March 31, 2003. Therefore recruiters should carefully screen the application to ensure all information is present and correct. National Headquarters cannot accept telephone calls as a way to add recruiters to forms already received.
- 9) Members recruited, but found to be ineligible for membership, will not be considered. "Pooling" recruiting efforts is not permitted. For example, no member may take credit for a new member recruited by someone else.
- 10) Only the recruitment of regular active senior and cadet members will count toward the total number and awarding of individual prizes.
- 11) The percentage of total squadron membership retained will count toward the awarding of squadron prizes.
- 12) Anyone receiving payment for recruiting either senior or cadet members from any organization including CAP's Middle School Initiative Program are disqualified from the awarding of any prizes.
- 13) CAP National Headquarters will maintain a record of all new members and their recruiters. Winners will be announced as soon as possible after the close of the campaign.

Recruiting handbook in works

There is a famous quote that recommends people learn from the mistakes of others, as none of us will ever live long enough to make every mistake ourselves. The same can be said of successes.

That is the reason several members have suggested the creation of a best-practices in recruiting and retention handbook. The concept behind the book is to exchange ideas between squadrons or wings based on what has been both successful and unsuccessful. This will hopefully save time and money when squadrons are trying to plan a recruiting activity or increase retention. In order for this booklet to be produced, ideas are needed — lots of them!

Please e-mail or mail information about a recruiting activity or retention plan that either produced successful membership growth or disappointing results. Include the squadron name, commander's name, the project or activity coordinator, a summary of the activity or plan, and the resources required (including costs and personnel needed). It is very important the results of the activity be included, whether they were positive or negative. Someone will learn from this information.

For example, did your squadron hold a successful recruiting campaign or open house? Was the word spread about CAP through a story reported by local media? If your membership increased or decreased as a result of the project or activity, by how much did it change?

Please be concise and try to limit your description to 500 words. Descriptions can be: e-mailed to rhunt@capnhq.gov; faxed to (334) 953-4245 (Attention: Robin Hunt); or mailed to CAP Recruiting and Retention, Attention: Robin Hunt, 51 Maxwell Boulevard, Building 678, Maxwell AFB, AL 36112-6332.

Prizes! Prizes! Prizes!

Recruiting awards

The following prizes will be sent for members who recruit:

- ✓ 5 new members - Recruiting Excellence golf shirt for senior members and T-shirt for cadet members;
- ✓ 10 new members - \$50 gift certificate to CAP Supply Depot or Bookstore;
- ✓ 25 new members - \$100 gift certificate to CAP Bookstore; and
- ✓ 50+ new members - \$200 gift certificate to CAP Bookstore;

Grand prizes will be given at the end of the campaign. Grand-prize winners will be determined by a drawing of all members having recruited a new member throughout the year. Prizes are as follows:

- ✓ Grand prize at end of campaign (senior): Framed and signed limited-edition CAP anniversary print, and airfare and room and board at the 2003 CAP National Board and Annual Conference; and
- ✓ Grand prize at end of campaign (cadet): Framed and signed limited-edition CAP anniversary print, and airfare and room and board to a national CAP event to be determined.

Retention awards

The squadron with the highest retention in each region for the year — award is a \$500 cash prize for each squadron.

All prizes will be presented at the 2003 CAP National Board Meeting and Annual Conference.

Magic of music!

NATIONAL MILITARY MUSIC ACADEMY 'CREDIT TO CAP'

"It is wonderful to see so many fine young men and women in uniform serving their country and their community. We are pleased to welcome the cadets and senior member staff of the Civil Air Patrol's National Military Music Academy."

That was how U.S. Navy Rear Adm. Kathleen Martin, then commander of the National Naval Medical Center and now the deputy surgeon general of the United States, introduced a performance by CAP cadet musicians this summer. The concert was a highlight of the Fourth Annual National Military Music Academy.

Twenty-two cadet musicians traveled to Camp Fretterd, Md., to take part in the academy. The group,

which included several graduates of previous NMMA activities, completed two-weeks of intensive instruction in field music [fife, drum and bugle] and the basics of military music.

"This was a milestone for CAP music programs," said NMMA Activity Director Maj. George Carroll. "These cadets performed well at several important events honoring American veterans and America's heritage. They are a real credit to CAP."

The National Military Music Academy was organized in 1997. In July 1999, it held its first

activity at Aberdeen Proving Grounds, Md. Its second activity was held at that same location in July 2000. During this activity, then CAP



Senior member Maj. Robert Myers of the Pennsylvania Wing plays a small harp in the academy's practice room.



1st Lt. Charles Goolsby plays the flute alongside U.S. Navy Lt. j.g. Kelly Quinn and other members of the CAP National Military Music Academy and Bethesda Naval Hospital bands. Rear Adm. Kathleen Martin, the hospital commander, invited the academy band to join forces with the hospital band during a noon concert at the hospital.

National Commander Brig. Gen. James C. Bobick was the guest of honor at a tattoo held on the National Capitol Mall — the highlight of the 10-day activity. As a result of the NMMA's success, Bobick authorized the establishment of music as a CAP national activity.

In July 2001, the activity was held at the Camp Fretterd National Guard facility near Baltimore. Camp Fretterd was the site of this year's activity as well.

The cadets' first performance was at the annual Deep River Ancient Muster. They were among more than 2,000 participants in a parade of fife, drum and bugle corps from many parts of the country. Then the NMMA cadets took part in a parade in Mount Airy, Md. The next day they were the guests of a rehearsal of "The Chief's Own," the U.S. Air Force Band at Bolling Air Force Base in Washington, D.C.

The following day, the academy and Maryland Wing Concert bands provided music for the Korean War Veterans Armistice Ceremonies at the Korean War Veterans Memorial on the National Capital Mall. Following the ceremonies, they performed at a flower-laying ceremony at the Korean War Memorial Bench near the Tomb of Unknowns in Arlington National Cemetery.

On Sunday morning, the NMMA worship services ended with a musical performance at the Immanuel Lutheran Church in Manchester, Md.. That afternoon, NMMA cadets and CAP band members performed at George Washington's home in Mount Vernon, Va. Fifes, drums and bugles played as the band marched to the tomb of President Washington and rendered a musical tribute.

Two days later, the academy band joined the National Naval Medical Center Concert Band for a performance at the Bethesda facility.

"Music is here to stay in CAP," said Carroll. "And these fine young musicians are part of the reason why."



Members of the National Military Music Academy field music (fife, drum and bugle) march in the Mount Airy Volunteer Firemen Parade in Maryland. Accompanying the field music was four squadrons from the Maryland Wing.

Father, son first-ever Spaatz recipients

MISSOURI — More than 100 people attended a reception for Cadet Col. Steven R. Gullberg II of Missouri Wing's St. Louis Composite Squadron and watched him receive his Gen. Carl A. Spaatz Award #1465.

The special occasion took on even greater significance because Gullberg is the first second-generation recipient in the

award's history. Gullberg's father — Air Force Reserve Lt. Col. Steven R. Gullberg — earned the award in 1977.

Former Missouri Air National Commander retired Maj. Gen. Loran Schnaidt was the keynote speaker for the event and presented the award. Schnaidt had previously presented cadet Gullberg with both

the Gen. Billy Mitchell and Amelia Earhart awards.

Cadet Gullberg, who is a high school senior, joined the Civil Air Patrol in 1996. He serves as the cadet commander of his squadron, plays varsity football, and has soloed in both gliders and powered aircraft. He intends to enter college as an aviation major, pursue a career as an airline pilot and join the Air National Guard.

Gullberg's father was presented Spaatz award #439 in Jamestown, N.Y., in 1977. He presently serves as the Reserve Forces director for CAP-U.S. Air Force's North Central Liaison Region. He is also an American Airlines pilot.

Gullberg's younger brother, Cadet 2nd Lt. Greg Gullberg, intends to be the family's next Spaatz recipient.

Other Spaatz awardees in attendance were: Air Force Reserve 1st Lt. David Casler, #883; Maj. Mike Toedebusch, #1168; and Capt. Erica Williams, #1410. Other attendees included: Col. Joe Casler, wing commander; Lt. Col. Mike Bush, wing vice commander; Lt. Col. Sharyn Rugh, wing chief of staff, and Gullberg's former squadron commander, Lt. Col. Dave Glass.



Cadet Col. Steven R. Gullberg II, center, of Missouri Wing's St. Louis Composite Squadron, poses for a photo with his father, Air Force Reserve Lt. Col. Steven R. Gullberg, right, and retired Maj. Gen. Loran Schnaidt, former Missouri Air National Guard commander. Gullberg and his father are both Spaatz recipients (#1465 and #439 respectively), and are the only father-son awardees in Civil Air Patrol.



Computer simulation of the Mars Exploration Rover.

Be a 'Red Rover goes to Mars' student astronaut!

CALIFORNIA — The Planetary Society — the largest space interest group on Earth — is searching for an international team of students to participate with the Mars Exploration Rover Mission team at the Jet Propulsion Laboratory in Pasadena, Calif., during mission operations in early 2004.

The student astronaut team will analyze Mars Exploration Rover mission images and data as they are returned to Earth from the spacecraft in January and February 2004, and communicate to the world about the images and about life inside mission operations. Each student astronaut will spend approximately one week in mission operations at the Jet Propulsion Laboratory and will be among the first to see these new pictures from Mars.

Red Rover Goes to Mars marks the first time that the world's public has been invited to compete for the opportunity to work inside NASA mission operations while the mission is underway. The Planetary Society's Red Rover Goes to Mars project is sponsored by the LEGO Company.

The contest is open to students all over the world who were born between Sept. 1, 1986, and Sept. 1, 1990.

How to apply

Students need to download and read the Red Rover Goes to Mars Student Astronaut Contest Announcement to make sure they are eligible for the contest. The address is at www.redrovergoestomars.org/studast.html.

Download and print out the application forms. The forms include the essay question applicants must answer in 1,500 or fewer words.

CAP Inspector General points of contact

NATIONAL HEADQUARTERS — Civil Air Patrol wishes to resolve all complaints and grievances in a fair and impartial manner.

In case of a complaint or grievance, members should Consult CAP Regulation 123-2 and try to resolve it at the lowest appropriate level.

Questions or problems may be brought to the attention of any of the people listed below.

CAP Interim Inspector General (CAP/IG)

— Col. Richard A. Probst, P.O. Box 122, West Rutland, VT 05777-0122, (802) 775-5687, probst@sover.net

CAP Assistant Inspector General (CAP/IGQ) — Col. Richard A. Probst, P.O. Box 122, West Rutland, VT 05777-0122, (802) 775-5687, probst@sover.net

Northeast Region IG (NER/IG) — Lt. Col. Peter J. Koch, 65-38 Parsons Blvd., Apt. 3-B, Fresh Meadows, NY 11365, (718) 591-5934, peter.koch@ner.cap.gov

Middle East Region IG (MER/IG) — Col.

Charles X. Suraci Jr., 9817 LaDuke Dr., Kensington, MD 20895-3156, (301) 585-0081, cxsjrafacap@mymailstation.com

Great Lakes Region IG (GLR/IG) — Lt. Col. Kenneth G. Dixon, 3866 N. Ottawa St., Chicago, IL 60634, (773) 589-0559, dix40@aol.com

Southeast Region IG (SER/IG) — Lt. Col. Marcus A. DuVal IV, 3292 Lee Rd. #250, Salem, AL 36874-1329, mduval4@mindspring.com

North Central Region IG (NCR/IG) — Col. Ralph W. Rissmiller, 2513 N. Landon St., Wichita, KS 67205-2037, (316) 722-5953, rissmil@aol.com

Southwest Region IG (SWR/IG) — Vacant
Rocky Mountain Region IG (RMR/IG) — Lt. Col. M. Richard Stonebraker, 4709 Date Court, Loveland, CO 80538, (970) 461-3181, rstonebraker@aol.com

Pacific Region IG (PCR/IG) — Lt. Col. Raymond N. Lantz, P.O. Box 583, Vaughn, WA 98394-0583, (253) 884-4939, pacregionig@earthlink.net

2003 NATIONAL CADET SPECIAL ACTIVITIES

National

Emergency Services Academy

Optional Pre-courses: July 21-26/Fee: \$40-\$100

Basic NGSAR: July 20-26 & Jul 27 - Aug. 2/Fee: \$150

Advanced NGSAR: July 20-26 & July 27-Aug. 2/Fee: \$150

Basic MBSS: July 20-26/Fee: \$150

Advanced MBSS: July 27 - Aug. 2/Fee: \$150

MAS – Mission Scanner/Observer Track or

Mission Pilot Track: July 25 Aug. 2/Fee: \$150

NESA Staff: Dates vary from July 17 to Aug. 4 depending on staff assignment/Fee: \$40

Have you been looking for a quick way to meet the requirements for getting qualified in emergency services, or refresh your skills and see the latest search and rescue techniques in the field? Then the National Emergency Services Academy is just what you have been waiting for.

This special activity gives hundreds of members the opportunity to train in emergency services qualifications at NHQ-certified courses. All courses are held at Camp Atterbury, just 35 miles south of Indianapolis. Qualified CAP, Air Force and industry experts will conduct the courses. Housing and meals are provided at Camp Atterbury for all participants.

The academy is offering several courses this year in the National Ground Search and Rescue School, Mission Base Staff School and Mission Aircrew School. The following is a summary of the courses in each school with prerequisites.

NGSAR - Two basic courses will be conducted to train personnel to become ground team members as well as two advanced courses to train personnel to become ground team leaders. Personnel interested in attending must be at least 13 years of age at the start of the course and have completed general emergency services training. The advanced course requires basic course completion (or equivalent). It is recommended that personnel applying to the advanced course be current in advanced first aid. (This training is available during the pre-course sessions.) All NGSAR participants will spend the majority of the course in the field and will be required to sleep in survival shelters or tents during several of the school's exercises and training missions.

MBSS – One basic course will be held this year that will focus on training entry-level mission base staff personnel to be mission radio operators, staff assistants, unit leaders and branch directors, including ICS 200 level training. Additionally, one advanced course will be conducted to train section chiefs, the command and general staff, and incident commanders, including ICS 300- and 400-level training. Applicants for the basic course must be at least 15 years of age at the start of the course and have completed general emergency services training. Applicants for the advanced course must be graduates of the MBSS basic course or have equivalent training and be at least 16 years of age.

MAS – This course will be conducted in two tracks — mission observer and mission pilot. All training will cover the requirements for aircrew members as established in the current emergency services regulations. All applicants must be at least 18 years of age at the start of the course, have completed general emergency services training, and will include a copy of the last six months of their flight logs with their application, if applicable. Personnel applying for the mission pilot track will be required to have a current CAPF 5 on arrival at the school.

All cadets interested in attending the National Emergency Services Academy must have completed a basic encampment prior to attending any of our courses.

Personnel interested in attending more than one course at the National Emergency Services Academy in a year can do so consecutively, but must coordinate their participation with the academy director or project officer in advance to avoid scheduling conflicts.

We expect this year's academy will be a great course for both experienced and inexperienced personnel to really become involved in emergency services.

For more information, contact the academy director, Maj. Gary Brockman at (317) 897-4598 or pathfinder@tcon.net, or the academy project officer, Maj. Joe Curry, at (334) 953-4228 or jcurry@capnhq.gov.

International Air Cadet Exchange

July 17 - Aug. 5/Fee: \$100

All cadets who turn 17 before July 1, 2003, and will have earned the Amelia Earhart Award by Dec. 31, 2002, are invited by CAP's National Commander and the National Headquarters staff to apply for the 2003 International Air Cadet Exchange. We want you to be our U.S. ambassadors!

Approximately 70 cadets will be selected to participate in the 2003 exchange. Thirteen senior member escorts will be needed to accompany cadets. Individuals will be selected to visit one of the following 11 countries: Australia, Belgium, Canada, Germany, Hong Kong, Israel, Japan, the Netherlands, Sweden, Turkey and the United Kingdom. In addition to being the guests of a foreign country, most participants selected will spend two days getting to know their government and discovering their heritage in Washington, D.C.

The goal of this excellent and rewarding opportunity is to foster international understanding, goodwill and friendship among young people around the world who share a common interest in aviation.

This year's application procedures have changed. Interested cadets and senior members should apply using the CAP Form 31 and follow the same application procedures as listed for the other national activities. Mail the application to CAP National Headquarters — making sure it is postmarked by Dec. 31, 2002. When your form has been received at national headquarters, you will be sent a supplemental application package.

Cadets must be at least 17 years of age before July 1, 2003, and will not have reached their 21st birthday by the fifth day of August 2003. Escorts must be at least 25 years old, in excellent health and meet CAP physical and appearance standards.

Wing and region commanders will be sent a list of all applicants for their approval. Air transportation, lodging and meals are provided by the U.S. Air Force, CAP and the host countries. However, participants should be prepared to spend approximately \$600 on uniforms and other essentials, which is not included in the activity fee.

Cadet Officer School

July 5-13/Fee: \$150

The Cadet Officer School is patterned after the U.S. Air Force's Squadron Officer College, and is an academically challenging course for cadets 16 and older. COS is an in-depth study of the skills of leadership. The course is divided between lecture, seminar and hands-on training.

Instructors guide cadets through the Air Force approach to psychology of leadership, problem-solving techniques, effective writing, effective speaking and group dynamics.

In addition to classes and seminars, a wide variety of top military and industry leaders come as guest speakers to discuss their experiences. Topics include human relations, critical thinking, leadership and national security issues.

National Blue Beret

July 23 - Aug. 5/Fee: \$195

Picture an air show where hundreds of thousands of people come to see the many wonders of aviation. In real life, that picture is the Experimental Aircraft Association's annual fly-in at Oshkosh, Wisc.

For cadets age 16 and above, and selected senior members, the National Blue Beret offers the chance to work at one of the largest and most prestigious air shows in the world.

NBB participants must already have at least their CAPF 101 General Emergency Services rating prior to NBB. The CAPF 101T (annotated for ground team member), the CAPF 76 and a current standard first aid card are highly desirable.

CAP and EAA will provide training for you to help support NBB. Each participant will work several areas of the show. Training will include aircraft marshaling and electronic direction-finding techniques. Cadets will be encouraged to take advantage of these once-in-a-lifetime educational events that often occur during NBB.

www.capnhq.gov/nhq/cp/cps/ncsa03/index.html

2003 NCSA New Application Procedures

This year's NCSA application procedures are different and **your help is needed to make this a success.** We are testing our systems at CAP National Headquarters to see if we can better use the Internet to make applying for these activities easier and quicker.

We are still using the CAP Form 31, but we are asking those of you who have access to the Internet go to our Cadet Programs site at www.caphq.gov/nhq/cp/cps/ncsa03/index.html (or go to CAP's home page at www.caphq.gov and follow the links to Cadet Programs). From there, follow the links to the on-line Form 31. As you follow the instructions for entering your requested activities, you will also get to check (and correct, if necessary) your address and contact information that national has on file. This is part of the system we want to check this year.

When you have completed the application, you will be asked to print it out and get it signed by you parent or guardian (for cadets under 18) and your squadron commander. **The postmark deadline is still Dec. 31, 2002, but you need to mail it NHQ, not your wing.** Only one copy is needed at NHQ. Use the address listed below and in the on-line instructions. We at NHQ will forward all applications received to your wing commander in one package.

We ask that as many of you as possible complete the Form 31 on-line. It still has to be printed out, signed and mailed in, but the more of you who can do that, the better the test will be of our system. If this test goes well, there will be more improvements for the 2004 NCSA. If you do not have Internet access, just fill out a paper copy of the Form 31, get it signed by your parent/guardian (for cadets under 18) and your squadron commander. Then mail it (only one copy) to NHQ with a postmark of Dec. 31, 2002, or earlier to: HQ CAP/CP, 105 South Hansell St., Maxwell AFB, AL 36112-6332, Attention: NCSA.

Also, after you get the application signed, make a copy for your records. If your application gets lost (read below because you will be able to check if your application made it to NHQ), it will be easier to correct the problem if you have a signed copy of your original application.

For personnel applying for "staff" positions, please mark the Form 31 appropriately, but note acceptance to the activity is not necessarily acceptance to a staff position. The activity director will review staff applications and directly contact those selected.

For cadets applying for more than one NCSA on a paper Form 31 (not from the Internet), please clearly indicate your desired preference, in order, on the application. Otherwise, NHQ will assign the preference order at random.

Late applications (those received from cadets postmarked after Dec. 31) will be accepted at any time. NHQ will coordinate to get wing certification and selection, and will work with the appropriate activity director to see if slots are available. The only restriction is the original cadets slotted as primaries and alternates (those who applied on time) have had opportunity to respond with payment and confirmation of attendance for those activities where more cadets applied than there are slots.

For all, please check our Cadet Programs NCSA Web site for additional information about many of next summer's activities. This site will also be the best source for updated or changed details.

Cadet Application Procedures

All cadets applying to any activity must have encampment credit prior to attending any NCSA. If NHQ does not have a record of encampment completion prior to the date of the activity, then you will have to show the activity director your encampment completion certificate.

Note: NHQ does not process applications for Hawk Mountain SAR School, Space Camp, Aviation Challenge or EAA Air Academy. Application guidelines for these programs can be found on Page 18.

Here are the procedures and timelines for applications to NCSA:

✓ Cadets' should complete and send their Form 31 to NHQ with a postmark no later than Dec 31, 2002, at this address: HQ CAP/CP, 105 South Hansell St., Maxwell AFB, AL 36112-6332, Attention: NCSA.

✓ NHQ will post a list of the applications received (by CAPID) to the Cadet Programs NCSA Web site. Allow two weeks from mailing for your application to be received and posted. All applications received will be listed by Jan. 10, 2003. If your application does not appear by the end of two weeks (or Jan. 10), contact CAP/CPS by e-mail at cps@caphq.gov or at (334) 953-6443.

✓ NHQ will package the applications by wing and forward them to the wing commanders. The wing commanders will provide the wing certification of the Form 31 for those cadets they select to attend and will return those applications to NHQ. The returned applications will be, at the wing commander's option, rank-ordered by the wing or put in a computer-generated random order for NHQ slotting.

✓ NHQ will slot as many of the selected cadets as possible to the activities. Being "selected" does not guarantee a cadet will be "slotted," as the number of available slots will probably be less than the number selected.

✓ Notification of the slotting results will be sent out via e-mail on Feb. 28, 2003. Additionally, the list will be posted on the Cadet Programs Web site. Those cadets without an e-mail address will receive notification by mail. The slotting lists will show "primaries," those who have a definite slot (if payment is received), and "alternates," those who may get an opportunity to attend if "primaries" drop out.

✓ Cadets slotted as "primary" attendees will have until March 31, 2003, to submit their payments in full to NHQ for all activities except the NESA. (The academy director coordinates all fees for NESA and will provide guidance for payment in the welcome letter.) Primary cadets whose payment has not been received by March 31, 2003, will become alternates, and their primary slots will be offered to alternates.

✓ Payment procedures will be published in the slotting notification and on the NCSA Web site. Online payment by either check or credit card may be possible.

Senior Member Applications

Most of our special activities allow senior members to apply as escorts and a few allow for full senior member participation. Senior members applying must follow the same procedures as the cadets, although seniors may substitute a Form 17 for the Form 31. However, we request you also help us test our system by using the online procedures listed for the cadets. There are no deadlines for senior member applications to assist as staff members, but please do so as early as possible.

Pararescue Orientation Course

Kirtland AFB, N.M., Dates TBD/Fee: \$1

The Air Force pararescueman's creed is, "So that others may live, they have gone where few others dare to rescue the fallen." Join some of the elite this summer, at the Pararescue Orientation Course.

The PJOC is a one-week course for cadets age 15 and older, conducted by Air Force active duty, members of the Air Force Pararescue Training Squadron (TRS), and Air Force Pararescue Jumpers Squadron. It introduces cadets to techniques used by Air Force pararescuemen in participating in various facets of Air Force pararescue training, including navigation, survival techniques, rock climbing, rappelling and other rescue operations.

You must be in good to above-average physical condition for the physical fitness test will be administered at the start of the activity. We will send home any cadet who cannot meet the physical standards. You will be doing a lot of calisthenics and running while at PJOC.

Note: Cadets will not parachute at this activity.

Advanced Pararescue Orientation Course

Kirtland AFB, N.M., Dates TBD/Fee: \$1

Remember the excitement and challenge of PJOC? Remember when you graduated? Experience that and more at Advanced Pararescue Orientation Course (APJOC).

APJOC allows cadets to further develop skills they learned at PJOC. Two tracks are offered: one in mountaineering and the other in navigation. In the mountaineering track, cadets continue to develop their rock-climbing skills and learn vertical rescue techniques. In the navigation track, cadets learn navigation techniques and spend a week hiking in the New Mexico wilderness. Rosilla Peak at 10,637 feet. In both tracks, cadets will be introduced to medical training. (Cadets must possess a current first aid and CPR certification.)

If you are a graduate of PJOC, in excellent physical condition, and want to take the challenge, get your application in today. Physical fitness standards are more stringent than the PJOC. Cadets must pass a rigorous test upon arrival. Push-ups, sit-ups, pull-ups, flutter kicks, eight-count body build-up, and more. The activity director will provide further details for those selected.

Advanced Technology

Cadet National Academy

Waco, Texas, July 12-19 • Dowling College, N.Y.

Fee for both: \$350

Do you enjoy being on the leading edge of today's technology? Do you have basic computer skills mastered and want to use your knowledge in the field of our primary missions? Are you also interested in space and technology? Track satellites, the space shuttle, and the International Space Station? Do you want to use the squadron's computer? Then join us for the Civil Air Patrol's first Advanced Technology Cadet Activity.

You will see how CAP provides some of the first photographic images of disaster sites. Learn about airborne photography while flying a camera that captures single frame video. Become skilled at downloading images from aircraft to computer and processing usable "pictures" that can be used on the internet to our disaster response leadership. Part two of the activity is the Satellite Tool Kit program. You will learn to use state-of-the-art software to learn about satellite missions, and many other space operations. You will learn to use the STK Search Tool for search and rescue, to analyze pre-fly missions from your computer. You may preview those lessons at www.cap-stk.com/.

Please note, competency with the Microsoft Windows operating system and programs is a requirement.

Aerospace Education Academy

Oshkosh, Wisc., June 15-22/Fee: \$26

Interested in learning more about aviation and space? Come to the Aerospace Education Academy. Students between the ages of 12 and 18 will receive a core curriculum consisting of aviation, aviation history, space, and more. Afternoons will be spent on a challenge course, a treasure hunt, a GPS, flying remote planes, working in sport air workshops, flying a model airplane, and much more.

Before the week is over, cadets will have the opportunity to fly in a CAP airplane, ride in a tethered hot-air balloon, plus launch a model rocket. Cadets will visit a planetarium and the EAA Flight Museum.

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National Flight Academy - Powered Track

Smyrna, Tenn., June 16-30 • Oklahoma, June 20-29
 Oshkosh, Wisc., June 20-30 • Fort Pickett, Va., July 12-19
 Camp Ashland, Neb., July 14-27
 Fee for all: \$850

Interested in becoming an aviator? Ready to take the first step? Get into the pilot's seat with the National Flight Academy.

This course — for students 16 and older — is based on the U.S. Air Force's Flight Screening Program and offers flight time in a Cessna 172. With a certified flight instructor by your side, spend 10 hours behind the yoke learning the basics of flying a powered aircraft. Take what you have learned in the 25 hours of ground instruction and put it to use during your additional 10 flight hours as an observer.

Be prepared to be further immersed in aviation as you visit aviation museums, aircraft reconstruction hangars, and air traffic control towers (depending on which location you attend). Many NFA graduates continue their flight training for their Federal Aviation Administration private pilot license after this course.

National Flight Academy Glider Track

California (tentative) • Coles County Airport, Ill., June 21-29
 Berry College, Ga., July 9-20
 Fee for all: \$850

Interested in flying like an eagle? Well then, soar above your peers at the National Flight Academy — Glider Track!

Each course gives selected students — 14 and older — the opportunity to get in the cockpit of a sailplane. With your certified flight instructor, learn the basics of skillfully maneuvering a non-powered aircraft. Enjoy the quiet wonder of "thermalling" as you develop skills you can take into powered flight training. This is a unique flight experience for cadets.

For those who have previously completed this course or received equivalent training elsewhere, an advanced glider track is also available at most locations.

Air Education and Training Command Familiarization Course

Laughlin AFB, Texas, June 22-28/Fee: \$125
 Columbus AFB, Miss., July 12-19/Fee: \$125

Have you ever dreamed about becoming a military aviator? Would you like to have an edge when you go through U.S. Air Force Undergraduate Pilot Training? If either answer is yes, then the Air Education and Training Command Familiarization Course is for you.

AETCFC is a one-week course designed to give cadets — age 15 and older — an introduction of how the Air Force conducts its flight training. The course provides students the opportunity to attend class, observe and learn side-by-side with real Air Force student pilots. This is an academically intense course.

This course offers behind-the-scene tours of facilities like the air traffic control tower, aircraft maintenance hangars, and parachute shop. Cadets will also receive briefings on the mission and operations of an Air Force flight training wing, academics, and physiological training. Highlights of the week may include the possibility of a ride in a T-1A Jayhawk or a chance to fly a full-motion flight simulator with an Air Force instructor pilot.

Air Force Space Command Familiarization Course

Peterson AFB, Colo., Dates TBD • Patrick AFB, Fla., Jul 27 - Aug. 3
 Fee for both: \$125

Who would miss an opportunity to spend a week immersed in Air Force space operations? Would you like the chance of having a unique experience of learning about their cutting-edge 21st Century technology?

CAP offers the Air Force Space Command Familiarization Course to cadets age 15 and older. The AFSPCFC provides an in-depth look at the Air Force Space Command while students learn about orbital mechanics, domestic and foreign launch capabilities, and the opportunity to learn about satellite operations, missile warning and ICBM facilities.

Orientation tours can include NORAD, ICBM sites, and the Air Force Academy (for those selected for Peterson AFB) or the Kennedy Space Center (for those selected for Patrick AFB).

Air Force Weather Agency Familiarization Course

July 14-18/Fee: \$150

Considering a career in meteorology? Planning on a science major in college? Looking for a unique training activity? Interested in tornadoes and severe storms or wishing to add to your meteorology skills?

If so, then the Air Force Weather Agency Familiarization Course is for you. This familiarization course, held at Offutt AFB, Neb., is designed to promote interest in meteorology, careers in the Air Force Weather Agency and aerospace careers that require knowledge of weather systems.

Students receive training in weather interpretation, contour mapping, severe weather analysis, storm spotting (not storm chasing), and space/weather environment. Students also tour the U.S. Strategic Command Museum.

The AFWAFC is open to cadets who have completed the Rickenbacher achievement and have attended an encampment (preferably, cadets should be a sophomore or junior in school; however, seniors or college students majoring in meteorology or other weather-related careers will not be excluded from consideration). Senior members should be working in an operational weather capacity, such as disaster preparedness or damage assessment. For those who have previously attended this activity or have had equivalent training, an advanced course is also available during these same dates.

National Military Music Academy

Dates, location, cost TBD

According to Gen. George Washington, "Nothing is more agreeable and ornamental than good music; every officer, for the credit of his corps, should take care to provide it . . ."

The National Military Music Academy's objective is to provide leadership training to musically skilled cadets and seniors to help them introduce a music program into CAP, which will be able to provide musical services for official CAP, recruiting and community relations events. Drawing upon existing American military music traditions, the academy's goal is to preserve our national heritage by initially introducing fifes, drums and bugles into CAP squadrons in support of ceremonial occasions, such as parades, protocol functions and memorial services. Subsequently, additional types of music and musical instruments will be introduced at the wing level to project the CAP image.

In addition to academics, rehearsals performances ranging from parades to full-fledged concerts and local sight-seeing, the NMMA will attend evening performances of some of the military's finest bands and musical groups. The music academy is usually held in the Washington, D.C., area.

The NMMA is open to both cadets and seniors. Senior members who wish to serve as staff must complete an application plus submit a resume. While music experience is a definite plus for senior members, there are a number of support positions available not requiring musical skills.

The NMMA will provide field drums and bugles. Additional fees will be charged for fife, and drum sticks and pads. Also, it is possible to order one's own personal bugle or drum. Details will be provided upon request.

For more information, visit the Maryland Wing's Web site at <http://mdwg.cap.gov> or contact Lt. Col. James Steinmeier at jsteinme@erols.com.

~ SYSTEM TEST ~

The CAP Form 31 is still being used for NCSA, but those people who have access to the Internet are being asked to use Cadet Programs' Web site at www.capnhq.gov/nhq/cp/cps/ncsa03/index.html.

Honor Guard Academy

Camp Pendelton, Va., Jul 13-26
Fees: New students - \$375;
Returning students
and staff - \$195
(Limited to 150 attendees)

The Honor Guard Academy's objective is to provide leadership training to those cadets and seniors that will enable them to introduce the Honor Guard Program within their unit, Wing and Region. The Honor Guard Program contributes to the Drug Demand Reduction Program, recruiting and retention through a highly visible public relations program, as those members become ambassadors to CAP.

Cadets will be trained by the U.S. Air Force Honor Guard in three of the four elements of the honor guard: Ceremonial/demonstration (rifle maneuvers are part of the demonstration element); colors element; and funeral element. The fourth element — drama — focuses on the Drug Demand Reduction Program, and students will receive instruction from the senior staff. Cadets must complete a rigorous training schedule that requires 10-12 hours per day of standing while twisting, throwing rifles, marching, plus additional physical fitness training.

For new students, the cost will be \$375. This will include: Lodging and facilities, food, cadet handbook, laundry, instruction manual, HGA patch, yearbook on CD or printed copy, tours, six T-shirts, three shorts, parade belt with buckle, gloves, baseball hat, honor guard cord, performance rifle, ascot with the honor guard patch, rear chinstrap for male service hat (you supply hat). Note: If you have problems locating a service hat, contact your activity director.

Senior members who wish to serve as staff and become part of the honor guard family, in the following positions, must complete the application procedures as set forth by NHQ, plus provide information on their knowledge of the position for which they are applying. Each staff member must be able to complete assigned duties without supervision. All staff members will be expected to perform multiple duties while at the academy; therefore, one staff member may hold several positions. Positions to be filled are: Instructors, finance officer, administrative officer, safety officer, tactical officers, medical officer, transportation officer, public affairs officer and logistics officer.

For more information, please refer to the Honor Guard Academy Web site at www.caphga.com or contact the activity director, Lt. Col. Jett Mayhew, at caphga@aol.com.

Engineering Technologies Academy

Auburn University, Ala., Date TBD/Fee: \$150

Do you want to pursue an aerospace career? Are you interested in cutting-edge aerospace technologies? Are you considering becoming an engineer?

If so, then you should attend the Engineering Technologies Academy at Auburn University, Ala. The dates will be announced by the first of December on the NCSA Web site.

You'll be introduced to engineering by completing hands-on projects and working alongside engineering professors and NASA researchers. Some of the planned hands-on activities include: Designing and constructing airfoils, testing them in wind tunnels, and learning how to analyze the results; exploring the nature of

fibrous materials; seeing how cutting-edge technology is creating amazing new hard armor and bulletproofing; investigating different propulsion systems, particularly rocket engines, and seeing how they are designed and created; and learning from NASA researchers how flywheels will power satellites, and then designing and building one yourself.

To participate, you must meet these eligibility requirements by the course date: Completed ninth grade; 14 years of age or older; cadet staff sergeant or higher; Passed tests for *Aerospace Dimensions*, Modules 1, 2, 4 and 6, or *Flight of Discovery*, Chapters 1, 3 and 4; and completed an encampment.

Other Summer Cadet Activities

SPACE CAMP®

SPACE CAMP® is a five-day program jam-packed with astronaut training for young people. Activities include simulated space shuttle missions, IMAX® movies, training simulators (like the 1/6th gravity chair), rocket building and launches, scientific experiments, and lectures on the past, present and future of space exploration.

Kids must already be attending classes in the fourth grade and be at least 9 years old. The only other requirement is the desire to have a great time. Kids stay in bunkbed-style dorm rooms. Tuition ranges from \$700 to \$800 and includes all meals, lodging and program materials. It does not cover transportation.

Programs are also offered for older students. SPACE ACADEMY® is for ages 12-14 and ADVANCED SPACE ACADEMY® is for 15-18 year olds. Other popular programs are the Parent/Child SPACE CAMP® — a weekend of activities where adult/child pairs go through the same program together, and ADULT and TEACHER programs, plus CORPORATE SPACE ACADEMY®, which uses shuttle missions and astronaut training to teach team building.

Interested cadets should apply using procedures found at the SPACE CAMP® Web site at www.spacecamp.com or call (800) 63-SPACE. Cadets who successfully complete SPACE ACADEMY® or ADVANCED SPACE ACADEMY® may wear the NCSA ribbon.

CAP NHQ does not process these applications.

Aviation Challenge®

Aviation Challenge® is a five-day program packed with aviation training for young people ages 9 and up. Activities include intense flight simulation, land- and water-survival training activities, and aviation academics. Lessons include aeronautics, aerodynamics, propulsion, flight physiology, aviation history, aircrew equipment, and ejection procedures. Kids stay in bunkbed-style dorm rooms. Tuition ranges from \$700 to \$1,000 and includes all meals, lodging and program materials. It does not cover transportation.

Interested cadets should apply using the procedures found at the AVIATION CHALLENGE® Web site at www.spacecamp.com/aviation or call (800) 63-SPACE.

Cadets who successfully complete AVIATION CHALLENGE® can wear the NCSA ribbon.

CAP NHQ does not process these applications.

EAA Air Academy

Cadets may attend any of the beginning, intermediate or advanced Experimental Aircraft Association Air Academy events, including EAA's First Flights Academy. Cadets are eligible for the same fee rates as an EAA member, and for any EAA scholarships (www.eaa.org/education/scholarships/index.html). Additionally, when you successfully complete a course, you can wear the National Cadet Special Activities Ribbon.

EAA Air Academy Aviation camps are supervised and administered by top-notch aviation instructors and enthusiasts who offer more than 200 years of combined academy teaching experience. From the moment a participant arrives, the sky becomes the goal as this dynamic aviation experience unfolds. All academy camps are conducted at the EAA Leadership Center, part of the EAA Aviation Center complex in Oshkosh, Wisc, with the residence portion of the program at the impressive Air Academy Lodge.

To learn more about EAA's Air Academy and see the application procedures, go to: http://www.eaa.org/education/youth_programs.html.

CAP NHQ does not process these applications.

Hawk Mountain SAR School

July 12-20, Fee: \$100

Hawk Mountain Search and Rescue School has a proud history of providing outstanding emergency services training. The physically demanding school is conducted in the mountains of Pennsylvania under field conditions. It is open to cadets and senior members. For specific course information, visit the Hawk Web site at <http://pawg.cap.gov/hawk>.

Cadets and senior members applying to the school will need to submit a fully completed CAPF 31 with the wing commander's signature, directly to PA Wing HQ, Bldg. 3-108, Fort Indiantown Gap, Annville, PA 17003. Mark the outside of the envelope "HAWK."

Do not send Hawk applications to NHQ, and do not apply for any other activity on the same CAPF 31 you send to the PA Wing for Hawk.

To serve as staff, members must complete a series of seven weekend training activities prior to the school. Returning students **must** indicate "RETURNING STUDENT - REQUEST SQUADRON <squadron requested>" on the top of the front page of the CAPF 31 in red ink. For <squadron requested>, indicate Advanced, Medic, Expert or Team Commander. Squadron assignments will be made by the school staff. Those selected will be notified by e-mail, if available, or by mail, and provided details about the school and requirements. Again, we encourage you to visit the Hawk Web site at <http://pawg.cap.gov/hawk> for information about the school.

Hawk requirements for all applicants (cadets and seniors) as follows:

- ✓ Current CAP membership;
- ✓ At least 13 (or graduated seventh grade) by July 11, 2003;
- ✓ Completed Achievement 1 (Curry Award);
- ✓ CPFT Category 1 (CAPR 52-18) at Hawk sign-in
- ✓ Properly completed CAPF 31
- ✓ Completion of CAPT 116, Emergency Service Questionnaire (provide proof of completion)
- Hawk additional requirement for seniors only:
- ✓ Completed Level 1 Orientation Course and Cadet Protection Policy Training

Note: To assist staff in selecting the best candidates, provide relevant experience on your CAPF 31, Page 2. List training, experience and certifications completed. Include copies of following documentation: Prior Hawk Mountain SAR School Course Card(s), Ranger Grade Card(s), certificates, diplomas, letters of completion for courses such as Wilderness, Navigation and SAR Training, first aid cards and related certifications of training, and CAPF 101, 101T and CAPF 76.

The \$100 Hawk school fee is not refundable. Cadets who successfully complete the Hawk school can wear the NCSA ribbon and school "LL patch." Cadets and seniors are not authorized to wear any Ranger-distinctive uniform items (such as web-belts and scarves) outside of the Pennsylvania Wing.

CAP NHQ does not process these applications.

2003 National Congress on Aviation and Space Education

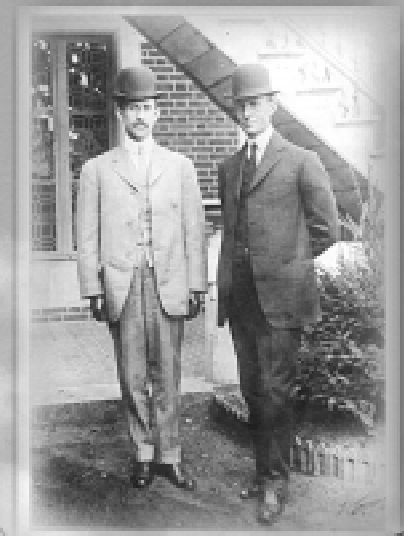
A National Standards-based Conference

Cincinnati/Dayton
April 2 - 5, 2003

Hilton Cincinnati Netherland Plaza
Cincinnati, Ohio



Sponsored by the Civil Air Patrol
and the United States Air Force



Netherland Plaza

When an entire hotel is a work of art, could your experience be anything less? Ascending 29 floors, the Netherland Plaza, finished in 1931, was built in 13 months by crews working seven days a week, 24 hours a day. Lavish use of Brazilian rosewood, marble, brass, custom nickel-silver fixtures, and a decor of stylized Egyptian and floral motifs highlight the interiors. The hotel's murals, Rookwood Pottery and exquisitely restored public spaces, including the Hall of Mirrors, are some of the world's most remarkable art-deco treasures.

Palm Court, once the main lobby for the hotel, boasts Baroque-style murals — Apollo in a chariot at the end and a series of romantic landscapes along the sides. Also in the Palm Court is a ziggurat-shaped fountain, guarded by two large Rookwood pottery seahorses with lotus crowns. The walls are covered with over a half-acre of Brazilian rosewood.

The elegant atmosphere here will stimulate your imagination and take you back in time!

PULLEY MOVED BY WIRES FROM CONTROL
LEVER SHAFT OPERATED BY
PILOT'S LEFT HAND
ELEVATOR 48 SQ. FT.

WIRE BRACING
AT FRONT OF WING CELL
IN OUTER PANELS

BICYCLE HUB ROLLED ON MONO-
RAIL AND SERVED AS FRONT

INSTRUMENTS TO RECORD AIR
VELOCITY, ENGINE REVOLUTIONS

GASOLINE TANK,
1/4 GALLON CAPACITY
RADIATOR

SPROCKET ON PROPELLER SHAFT
DRIVEN BY CHAIN FROM ENGINE

SKIDS FOR LANDING

ELEVATOR CONTROL LEVER

2003 NCASE Keynote Speakers

Erik Lindbergh is a commercial pilot and certified flight instructor, and is the grandson of Charles Lindbergh. In May 2002, to mark the 75th anniversary of his grandfather's Spirit of St. Louis transatlantic flight, Erik recreated this 1927 milestone.

Mr. Lindbergh is Vice President of the X Prize Foundation, a nonprofit organization that stimulates the creation of a new generation of launch vehicles designed to carry passengers into space. Erik is also Director of the Lindbergh Foundation, a nonprofit organization dedicated to furthering his grandparent's vision of balance between technological advancement and environmental preservation.

Gus McLeod is an aviator, businessman and explorer who, in 2000, became the first person to

fly to the North Pole in an open cockpit airplane. On December 17, 2002, Gus will celebrate a century of powered flight by flying from pole to pole around the world. This will be a solo journey of more than 35,000 miles.

Mr. McLeod is committed to paying tribute to all the pioneers of aviation, especially the Tuskegee Airmen, and promoting the educational benefits of his experience with students in classrooms, via live reports over the internet.

Eric Boe, an Air Force pilot and distinguished graduate of the Air Force Academy, is currently assigned to NASA as an astronaut pilot. He is working with displays and controls for future space vehicles.

Eric Boe has served in the USAF as a fighter

pilot and test pilot. He has logged more than 3,000 flight hours in more than 40 different aircraft. He is also a former CAP cadet and currently a senior member of CAP.

Dr. Jack Bacon, a NASA engineer working at the NASA Johnson Space Center, is working as systems integration lead on numerous Russian and American spacecraft, including the Zarya, the first element and bridge module of the new International Space Station. Other assignments include duties on the integrated architecture, design and operations of the space shuttle, and of all systems in the United States, Russian, Japanese, European and Canadian elements of the International Space Station. Dr. Bacon is a much sought-after speaker and an award-winning author.

NC 03 CNP

Attendee Registration

2003 NATIONAL CONGRESS ATTENDEE REGISTRATION FORM

Civil Air Patrol's 2003 National Congress on Aviation and Space Education

2-5 April 2003 • Hilton Cincinnati Netherland Plaza, Cincinnati Ohio

1 CONTACT INFO AND EVENT SELECTION

If you are a CAP member, complete the line below:

CAPID: _____ Wing _____ Region _____

Name _____ E-mail _____

Preferred first name for name badge _____ Daytime phone _____

Street _____ City _____ State _____ Zip _____

Guest Name 1) _____ 2) _____

3) _____ 4) _____

Note: To attend the conference all guests must be paying registrants.

Pre-registration (Until 3/15)

- ☐ Conference Registration
☐ Brewer Luncheon
☐ AF Museum Educational Program
☐ Crown Circle Banquet

Cost

\$ 95
\$ 35
NC
\$ 40

Total # attending

On-Site Registration

Conference Registration \$ 125
Brewer Luncheon \$ 35

Crown Circle Banquet \$ 45

Daily Pre-registration (Until 3/15)

- ☐ Thursday
☐ Friday
☐ Saturday

Cost

\$ 45
\$ 45
\$ 45

Total # attending

On-Site Registration

Thursday \$ 50
Friday \$ 50
Saturday \$ 50

REGISTRATION INCLUDES: CANVAS TOTE BAG, CONFERENCE PROGRAM & RELATED SEMINAR MATERIALS, WEDNESDAY EVENING RECEPTION, THURSDAY EVENING EDUCATIONAL PROGRAM AT THE U.S. AIR FORCE MUSEUM, AND COFFEE BREAKS

2 PAYMENT INFORMATION

☐ CHECK ENCLOSED FOR \$ _____ ☐ CHARGE MY CREDIT CARD FOR \$ _____

CREDIT CARD INFORMATION (PLEASE FILL EACH BLANK. ORDERS CANNOT BE PROCESSED WITHOUT COMPLETE INFORMATION)

☐ Visa ☐ Mastercard ☐ American Express ☐ Discover

Card Number _____ Expiration Date _____

Card Holder Signature _____ Daytime Phone _____

3 SEND IN YOUR REGISTRATION

CREDIT CARD USERS MAY FAX THIS FORM TO: HQ CAP/FM — (334)-953-6777

MAKE CHECKS PAYABLE TO: CIVIL AIR PATROL/NATIONAL CONGRESS

MAIL CHECKS AND PURCHASE ORDERS TO:

NATIONAL CONGRESS, HQ CAP/FM, 105 SOUTH HANSELL ST., MAXWELL AFB AL 36112

A \$15 fee will be assessed for all refunds. NO BANQUET REFUNDS AFTER 1 APRIL 2003. The Banquet fee of \$40 (\$45 on-site) represents the value of the banquet meal furnished. Under IRS Code, that amount is not deductible as a charitable contribution to CAP for federal income tax purposes.

AFTER MARCH 15, 2003, DO NOT MAIL REGISTRATION—PLAN TO REGISTER ON-SITE

Hotel Registration

2003 NATIONAL CONGRESS HOTEL REGISTRATION FORM

*Civil Air Patrol's 2003 National Congress on Aviation and Space Education
2-5 April 2003 • Hilton Cincinnati Netherland Plaza, Cincinnati Ohio*

HILTON CINCINNATI NETHERLAND PLAZA
35 West Fifth Street
Cincinnati, OH 45202

Reservations: 513-421-9100
Fax: 513-421-4291

RESERVATIONS MUST BE MADE PRIOR TO 3/1/2003

If calling, be sure to mention your affiliation with NCASE to receive preferred rates.

Name of Group: NCASE Civil Air Patrol—National Congress on Aviation and Space Education

Check-In Time: 3:00 pm Check-Out Time: 12:00 pm

Date of arrival: _____ Date of departure: _____

All reservations must be guaranteed by one night's deposit or credit card.

RESERVATIONS CONTACT INFORMATION

Name _____ Phone _____

Street _____ City _____ State _____ Zip _____

SPECIAL REQUEST SUBJECT TO AVAILABILITY Roommates: _____

☐ Smoking ☐ Non-Smoking ☐ One Bed ☐ Two Beds ☐ Special Needs (explain below)

ROOM RATES AND PAYMENT:

☐ Single - \$109 ☐ Double - \$109 ☐ Triple - \$109 ☐ Quadruple - \$109 + tax (currently 11.5%)

Please include first night's deposit by check or deposit can be charged to one of the following credit cards to confirm your reservation:

☐ Visa ☐ Master Card ☐ Diners ☐ Discover ☐ American Express

Card Number _____ Expiration Date _____ Phone _____

Card Holder Signature _____

**CALL, MAIL OR FAX THIS FORM TO THE HILTON CINCINNATI NETHERLAND PLAZA.
HOTEL RESERVATIONS CANNOT BE MADE AT HQ CIVIL AIR PATROL**

SENIOR PROGRAM



GILL ROBB WILSON AWARD

LT COL CARL L BROWN	AK
MAJ PHIL A LAISURE	CA
MAJ LYNN W MCCAULEY	CA
MAJ WILLIAM R HARTMANN	CA
LT COL LUDWIG J WIPOTNIK	IL
LT COL DIANA L CARLSON	NHQ
LT COL KENNETH N VAN LOON	NHQ
MAJ E J SMITH	NV
MAJ ROBERT S SMITH	PA
MAJ BOBBY R THOMAS	TX
MAJ ROY D DAVIS	VA



PAUL E. GARBER AWARD

MAJ JOSEPH A MASSAE	CA
MAJ DAVID K HULL	CT
MAJ JOSEPH A CONDON	FL
MAJ ELMER M SCHRAG	FL
MAJ VIVIAN L OLSON	FL
MAJ WILLIAM H WESTCOTT	FL
MAJ VIRGINIA S MONTALVO	FL
MAJ TODD A ENGELMAN	GA
MAJ ALLEN E CHILCOTE	IA
CAPT JANET E TILLEY	ID
MAJ MICHAEL D CURTIS	IL
MAJ FRANK J GOSE	KS
MAJ DALE L HUTCHINS	MD
MAJ ALEXANDRA B CALLOWAY	MD
MAJ MARK B WOODRUFF	MI
CAPT RODERIC F BROOME	MN
MAJ JOHNNY S TAYLOR	MS
MAJ JAN E VAN HOVEN	MT
MAJ MICHAEL J RAND	MT
CAPT JOHN F CLARK	NV
MAJ JOHN M PORTER	OH
MAJ MIKE A THOMAS	OH
MAJ ROGER M DRUCKEMILLER	OH
MAJ BRYCE M HERKERT	OK
MAJ ROLAND E WRIGHT	OR
MAJ ROBERT S SMITH	PA
MAJ WILFREDO GARCIA	PR
CAPT DIANE REID	SER
LT COL RANDALL L STRIPLING	TN
LT COL JAMES E GOINS	TN
MAJ DONALD W JAMES	TN
LT COL GEORGE E GRONDIEN	TX
MAJ RICHARD E SPURLOCK	TX
COL JACK D BUTTERFIELD	UT
CAPT DAVID L DUNCAN	VA
MAJ JOEL G MAYES	WI
CAPT STEVEN L ELLIS	WY



GROVER LOENING AWARD

MAJ KONKEY S SZTUK	AK
CAPT LARRY W VINCENT	AL
CAPT JAMES R AUBUCHON	CA
MAJ CHARLES W INGRAM	CA
MAJ HUGH M CAHILL	CA
1LT ETHEL P SCOTT	CO
CAPT DAVID BENJAMIN	CT
CAPT MICHAEL J MAFFIA	CT
MAJ DAVID K HULL	CT
MAJ MICHAEL F GRIFFITH	FL
CAPT JOSEPH M BRADLEY	FL
CAPT WILLIAM G SUMNER	FL
CAPT STEVE B SCHACK	FL
CAPT ELISE L WHITWORTH	GA

CAPT RICHARD P HERRING	GA
CAPT DIANE F HERRING	GA
1LT RICHARD R SEE	IA
CAPT DAVID L TURNMIRE	ID
CAPT GARY L IVERASON	ID
CAPT ROSEMARY WILSON	IL
CAPT EDWARD F GILLIGAN	IL
1LT RONALD D SCHLESNER	KS
CAPT RICHARD A PALACE	MD
CAPT ERIC W TISO	MD
CAPT SCOTT MALEY	MD
CAPT WILLIAM R REID	MD
MAJ EDWARD M. DUNKER	MD
CAPT DONALD A DALTON	MN
MAJ JOHNNY S TAYLOR	MS
CAPT JAMES E MAHER	MS
CAPT JOHN P STEINER	ND
CAPT YVETTE C BARTHOLOMEW	NJ
CAPT DONALD R HAWKS	NV
CAPT ROBERT A HULL	NY
CAPT JACK J OZER	NY
MAJ DAVID E MULLINS	OH
CAPT HENRY W WEARSCH	OH
CAPT ROBERT S GREENWOOD	OK
CAPT JASON R SECREST	PA
CAPT IVAN DAVILA	PR
CAPT ALEJANDRO RIVERA	PR
CAPT JAMES J DANDENEAU	RI
CAPT STACIA J GRINDSTAFF	TN
CAPT DALE A LAHRS	TN
CAPT TERRENCE E BIGGERS	TN
MAJ DONALD R SCHUMANN	VA
1LT CATHERINE L EGAN	VA
1LT JAMIE W TREAT	WA
CAPT BENJAMIN E THOMPSON	WI
MAJ WADE H AUGERBRIGHT	WV
CAPT STEVEN L ELLIS	WY



**CHARLES E. "CHUCK" YEAGER
AEROSPACE EDUCATION AWARD**

2ND LT JOHN A. ARCHER	AL
SR MBR MEGHANN L. BYFORD	AL
SR MBR BRUCE E. GEARHART	AL
2ND LT DIANA J. KIMBROUGH	AL
2ND LT KENNY B. PUTT	AL
LT COL GLEN D. RUSH	AL
2ND LT JAMES R. SCHASSLER	AL
CAPT ERIC L. SHERMAN	AL
CAPT JANET J. SHERMAN	AL
CAPT JAMES L. SIDFOLE II	AL
2ND LT TONY DIAZ	CA
MAJ JEAN DUBOIS JR	CA
SR MBR JOHN J. FOOTE	CA
MAJ LOUIS KOVACS	CA
2ND LT RICHARD RALSTON	CA
1ST LT KEITH A. THOMAS	CA
CAPT DENISE M. BRUCE	CO
CAPT JEFFREY H. BRUCE	CO
2ND LT KATHI A. CROOKS	CO
1ST LT GARY L. HUBBARD	CO
CAPT DAVID M. HURTADO	CO
2ND LT ROBIN R. REEVES	CO
1ST LT JAMES F. SMITH	CO
SR MBR SUSAN K. TANSEY	CO
2ND LT WILLIAM G. TANSEY	CO
CAPT ALAN K. WEIL	CO
1ST LT DAVID G. YOUNG	CO
2ND LT GARY COLVIN	IA
2ND LT ANITA S. ELLIOTT	IA
2ND LT ROGER ELLIOTT	IA
SSGT KERN L. KEMP	IA
SR MBR JAMES T. MCLAUGHLIN	IA
1ST LT MATTHEW CHASTAIN	IN
2ND LT RANDALL F. BIGGS	KY
CAPT MICHAEL D. BRYANT	KY
CAPT LOUISE M. GERL	KY
1ST LT GALEN HALL	KY
2ND LT VALERIE HALL	KY
2ND LT BILLIE G. HENSON	KY
2ND LT JEFF M. HINKEL	KY
CAPT ROBERT J. KOOB	KY
1ST LT DAVID E. MUNDAY	KY
CAPT KATHY PERKINS	KY
1ST LT GARY J. PRANGER	KY
1ST LT PATRICIA A. STRADY	KY
TFO CHRIS A. SUTTLES	KY
1ST LT CHRIS S. SUTTLES	KY
CAPT TIM A. WILLIAMS	KY

CAPT NENA A. WOMER	KY
CAPT EARL A. BOATMAN	LA
CAPT ANTHONY L. PATTI	LA
1ST LT RYAN M. BROVOLD	MN
2ND LT ROB M. CARLSON	MN
2ND LT PHUNG H. CHAU	MN
AE MBR CASEY CLARK	MN
MAJ RICARDO J. JOSEPHSON	MN
SR MBR GREGORY NASTROM	MN
2ND LT GERALD E. NESTEL	MN
CAPT GINA PALAZZARI-CHAVEZ	MN
2ND LT HECTOR RODRIQUEZ	MN
2ND LT ANTHONY STAFFENHABEN	MN
CAPT JAMES LONG	MT
SR MBR KEVIN KASPERSON	MT
SR MBR KEVIN MCDONALD	MT
CAPT MARY NEILS-FENNESSY	MT
CAPT JACK QUATMAN	MT
MAJ CHARLES STATUM	MT
CAPT PATRICK WALSH	MT
1ST LT RAYMOND GOFF	OH
CAPT ROSS M. GWYNN	OH
CAPT G.S. HENNINGER	OH
2ND LT ERIC V. HILL	OH
CAPT HOWARD HUNT	OH
CAPT ROBERT J. KIDD	OH
2ND LT LINDA KRAMER	OH
SR MBR KARYL L. MENCHEN	OH
CAPT PETER MILLER	OH
SR MBR DAVID MORRIS	OH
2ND LT DIEM PHAM	OH
CAPT ERIC PRIEBE	OH
CAPT THOMAS STAHL	OH
1ST LT CLEMENT SUNDERMAN	OH
2ND LT MARK WIETE	OH
1ST LT LISA WOODBURY	OH
1ST LT MARK WOODS	OH
CAPT CHARLES E. BEJCEK	TX
2ND LT JAMES M. FINK	TX
SR MBR FELIPE V. GOMEZ	TX
MAJ GEORGE G. HOYT	TX
SR MBR DALE L. JACOBSEN	TX
1ST LT JAMES L. LANCASTER	TX
CAPT LAURIE A. LANCASTER	TX
2ND LT ERNEST A. MINER	TX
CAPT KEVIN D. PAGAN	TX
SR MBR TODD B. PRUCHA	TX
SR MBR PHILLIP SCOTT RUSHING	TX
SR MBR TOM R. SANDERS	TX
1ST LT NANCY M. VALANT	TX
CAPT HUBERT VINCENT	TX

CADET PROGRAM



GEN. CARL A. SPAATZ

COLIN J. MCLENNAN	UT
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GEN. IRA C. EAKER AWARD

CARLOS G. JOSE	AZ
JOSHUA D. MARTIN	CA
KYLE B. MCCLURE	CA
TRAVIS R. AHRENS	DE
MARC A. LAWSON	FL
COLIN D. MCDONALD	FL
NICHOLAS R. WABEKE	FL
JOHN M. MINEAR	IN
DAVID J. PIRON	KY
MATTHEW T. SCHNEIDER	MD
JOSHUA S. MCGARY	NH
JACLYN M. BRADLEY	NY
JOSHUA R. PLOCINSKI	PA
ADAM P. BOLTON	RI
TREVOR D. JONES	SC
BRIAN E. KINNER	TN
CHRISTOPHER D. PERRINE	TN
DUSTIN G. MIXON	WA
PATRICIA M. EGAN	WI



AMELIA EARHART AWARD

KEITH O. CONWAY	AL
CHARLES E. BRIDGES	AZ
DAWN B. O'BRIEN	AZ
JEREMY R. PLICHTA	AZ
MYKEL R. SARGENT	CA
JAMES A. MCGOWAN	CO
KENNETH A. BECKER	CT
ALLISON S. GAWLINSKI	CT
JAMES A. MAGURANY	CT
JACOB A. AGNE	IL
ANTHONY R. GASKILL	IN
MEGGIE A. TAYLOR	KY
BRIAN M. MISURACA	MA
RYAN M. DENNETT	ME
DANIEL J. FERGUSON	ME
JARED WILLMAN	MI
ANTHONY J. CRONIN	MO
TRAVIS LEWIS	MO
BRIAN J. BAUER	NM
JASON D. HENDERSON	NV
PETER R. COULTER	NY
NATHAN A. KING	NY
STEPHEN M. MCGARRY	OR
PAUL S. RIGEZ	PA
CAMERON E. PRICE	TN
ERIN N. DEMENT	TX
JAMES J. FINN	TX
ARON R. MOORE	TX
KEVIN T. WARREN	WA
CAROLINE M. WHITE	WA
KARL W. HEINE	WY



GEN. BILLY MITCHELL AWARD

MALLORY A. FERGUSON	AK
BRANDON L. ODOM	AR
ALLISON K. RUARK	AR
MATTHEW E. UNGER	AR
BRYAN C. ANDERSON	AZ
RAFEL A. DROTAR	AZ
JESSE L. HANKINS	AZ
BRANDON L. METCALF	AZ
PHILLIP R. PETERSON	AZ
PATRICK J. ADAMS JR.	CA
JEFFREY D. BUENTGEN	CA
BRYSON C. JACOBS	CA
DEREK L. ROBINSON	CA
SHELLEY E. DUNLOP	CO
ROBERT E. FURGAL	CO
LANCE J. LAWSON	CO
ERIC M. HENDERSON	DC
ZACHARY I. ARBUCKLE	DE
JOSHUA D. DAWSON	DE
JOSEPH H. MILLS	DE
TEGARTH R. BISHOP	FL
MITCHELL B. CAMPBELL	FL
CHRISTIAN J. CRUZ	FL
MARVIN W. DANLEY	FL
DIRK A. DEVILLE	FL
DANIELLE HAYFORD	FL
CHRISTOPHER M. SELMAN	FL
JOSHUA G. CRAFT	GA
PHILLIP S. FINDLEY JR.	GA
JEFFREY M. SCHWAN	IA
ANDREW J. HOFFMAN	ID
BRENT E. MELLGREN	ID

DUSTIN M. HIEBSCH	KS
JAMES T. LAKES	KY
NATHAN C. ALLEN	LA
JORDAN W. LOGAN	LA
LUKE MORGAN	MA
BRENT D. MARQUIS	MD
DAVID J. SCHMIDT	MD
MEGHAN E. STARR	MD
ALEX G. WARLEY	MD
ELIZABETH M. DUMONT	MI
BONNIE M. WHITTAKER	MI
RYAN J. MCKEEN	MN
TRAVIS K. CONOVER	MO
GRIFF R. HOFMAN	MT
WILLIAM P. RAMSEY JR.	NC
SAMUEL D. STARLING	NC
JILLIAN L. JODOIN	NH
DAVID MAVER	NJ
DAVID M. BRACKEN	NM
CHRISTOPHER O. VALDEZ	NM
SEAN P. TIENSVOLD	NV
JENNIFER WW TSUI	NV
NICOLE C. BRADLEY	NY
CHARLES CLEMENTI	NY
CHRISTINE D. GALSTER	NY
MARCEL M. GARCIA	NY
JOSEPH T. GEORGIA	NY
PATRICK J. HERRMANN	NY
GREGORY A. HORROCKS	NY
ROBERT W. MORRIS	NY
SEAN N. SCHARLAU	NY
AMANDA K. SMITH	NY
DMITRY A. DUNIN	OH
BENNET D. KRAWCHUK	OH
AMBROSE N. KROUSE	OH
JOSHUA L. GETTINGS	OK
RANDY L. MAPLES	OK
ELIZABETH C. SPENCER	OR
CHRISTIAN A. ARMSTRONG	PA
STEVEN M. CROSKEY	PA
JONATHAN J. DENNIS	PA
JEFF K. ESHLEMAN	PA
KYLE A. ESTEP	PA
ZON J. FLECKENSTEIN	PA
KATHRYN H. FREY	PA
SCOTT M. HEIBEL	PA
CHRISTOPHER HERSHBERGER	PA
ADAM J. JOHNSON	PA
RYAN J. KELLY	PA
SHAWN C. LEAGUE	PA
MICHAEL A. PERUZZI	PA
ALEXANDER P. SCHRADER	PA
JONATHAN SHEGOG	PA
NATASHA M. SUSZKO	PA
KORY A. SWOPE	PA
JOHN P. WORST	PA
ANGEL L. ESPANOL	PR
HILA LEVY	PR
RAFEL A. RONDON	PR
BENJAMIN F. EMERICK	RI
BRADLEY H. BURGESS	SC
ERIC P. HUTCHENS	SC
ALEX R. GOMEZ	TN
NATHAN LEWIS	TN
LISSA K. MORRIS	TN
RAYMOND L. HICKS	TX
MARK P. LAMPTON	TX
NICHOLAS S. MOGAVERO	TX
RODOLFO NORIEGA	TX
JOSHUA A. BARSUHN	UT
CONNER J. FOURNIER	VA
DAVID E. POWER	VA
JOHN F. CANTU	WA
KEVIN M. GRUMMER	WA
KAYLEE I. LOW	WA
CHRISTINA A. SHEEHAN	WA
CHRISTINE E. SMITH	WA
MATT J. HOBELSBERGER	WI
WILLIAM C. BURDICK	WV
DOUGLAS S. CROW	WY

EXCEPTIONAL SERVICE AWARD

LT COL AMANDA B. ANDERSON	MER	1 JAN 00-1 SEP 02 (2ND BC)
LT COL DAVID S. FRIEDENBERG	MER	1 JAN 02-1 AUG 02
LT COL PATRICIA M. GAYLIN	MD	1 JAN 02-1 AUG 02
LT COL JOHNNETTA C. MAYHEW	MD	1 JAN 02-1 AUG 02
LT COL ROBIN M. VEST	VA	1 JUL 02-14 JUL 02 (2ND BC)
LT COL WARREN C. VEST	VA	1 JUL 02-14 JUL 02 (2ND BC)
MAJ MEREDITH M. PHARES	MD	1 JAN 02-1 AUG 02
CAPT DAWN M. FARQUHAR	NAT CAP	1 JUL 02-14 JUL 02
CAPT KATHRYN J. WALLING	MD	1 JUL 02-14 JUL 02

MERITORIOUS SERVICE AWARD

LT COL AUGUST W. SCHELL, JR.	NHQ	1 JUL 02-1 AUG 02
1ST LT MAX A. BENBOW	NC WG	1 JUL 02-1 AUG 02

Coast to Coast

The purpose of the Coast to Coast section is to provide publicity for the achievements of Civil Air Patrol members involved in CAP activities at the unit, wing and region levels. Submissions should be sent no later than 45 days after the event via e-mail to capnews@capnhq.gov or via the U.S. Postal Service at the following address: Coast to Coast, *Civil Air Patrol News*, 105 South Hansell St., Maxwell AFB, AL 36112-6332. The submission deadline is the first Monday of the month preceding the month of publication. Photos may be sent electronically or by mail. (See Page 2 for technical details.) For questions regarding submissions, please call Dan Meredith at (334) 953-7548.

Northeast Region

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Vincentown, NJ
08088-5000

Middle East Region

8151 Sherbrooke Ln.
North Charleston, SC
29418

Great Lakes Region

629 Fleddermouse
Novi, MI
48374-1106

Southeast Region

1101 NW 114th Ave.
Plantation, FL
33323

North Central Region

15471 Hangar Road
Room 131
Kansas City, MO
64147-1219

Southwest Region

P.O. Box 292755
Lewisville, TX
75029-2755

Rocky Mountain Region

P.O. Box 371093
Denver, CO
80237-1093

Pacific Region

28829 Lockheed Dr.
Suite 2C
Eugene, OR
97402-9500

Nationwide

Reporting achievements of CAP members

NORTH-EAST REGION

COMMANDER
COL. RICHARD A. GREENHUT

CONNECTICUT ★ MAINE
MASSACHUSETTS ★ NEW
HAMPSHIRE ★ NEW JERSEY
NEW YORK ★ PENNSYLVANIA
RHODE ISLAND ★ VERMONT

MAINE — The Cape Cod Composite Squadron Honor Guard and Color Guard participated in Flag Day ceremonies at the Forestdale Elementary School June 14.

Students were bused in from other schools to watch the presentation, and the U.S. Coast Guard and U.S. Army sent a helicopter to land in a ball field during the ceremony.

The ceremony began with the raising of the flag by a marine gunnery sergeant. Students from each grade in the school sang songs, and there were a number of guest speakers.

One of the highlights was a very touching memorial to Navy Capt. Gerald DeConto, a Sandwich native who was killed in the Sept. 11 attack on the Pentagon.

Master Sgt. Robert Eccleston, a friend of DeConto's, gave a very moving speech. The family unfurled and held the captain's funeral flag, flanked by the honor guard.

At the same time, the color guard performed for the crowd as "God Bless the USA" by Lee Greenwood played in the background. A Marine bugler then played, Taps, while honor guard members Cadet Col. Peter J. Amaral III and Squadron Flight Officer Francis Condon refolded the flag for presentation to the family.

Also honored that day was Kevin Bracken, a New York City fire fighter killed in the collapse of the first World Trade Center tower.

1st Lt. Dawn Tardif

MASSACHUSETTS — Twins — cadet Lt. Cols. Telitha Conway and Tara Conway of

Northfield, Mass. — received their Ira Eaker awards.

The cadets also received a congratulatory citation from the Massachusetts State House. The awards were presented by State Representative John Merrigan of Greenfield, Mass.

The sisters have been members of the Franklin County Cadet Squadron since 1995.

Lt. Col. Valeda R. Peters

NEW JERSEY

Public Affairs Officer 2nd Lt. Charlotte Rose Helge invited Air Force Reserve Maj. Kathryn "Kas" Dyson to speak to 900 students at the Newark International Airport Aviation Career and Education Expose. The event was sponsored by the New Jersey Wing Public Affairs Office.

Dyson gave students a firsthand account of her eight years active duty experience. Maj. Dyson flew C-141Bs at McGuire Air Force Base, Md., and instructed Air Force Academy cadets on T-3As.

"Major Dyson's military experience and commercial aviation career as a pilot with American Airlines best set the example of the partnership with the New Jersey Wing and the U.S. Air Force program," said Helge.

NEW YORK — Members of the Kaydeross Composite Squadron traveled to Eglin Air Force Base, Fla., for an aeromedical evacuation training flight Aug. 23-25.

The 109th Airlift Wing flew a snow ski-equipped LC-130H.

The cadets served as mock

patients for the evacuation. They were placed on litters and carried aboard the aircraft for the flights to and from Eglin AFB.

During in-flight breaks, the cadets went to the flight deck and visited with the pilots, flight engineer and navigator.

The cadets stayed in on-base billets and had meals at a base dining facility.

While at Eglin, the cadets toured the Eglin Armament Museum and viewed numerous static display aircraft.

The cadets also had the opportunity to sit in A-10 Thunderbolt and F-15 Eagle basic-level simulators.

Cadet 2nd Lt. Daniel Cummings

PENNSYLVANIA — Members of the Johnstown Composite Squadron attended the Flight 93 Memorial Service held in Shanksville, Pa., Sept. 11.

Members arrived at the site at 6 a.m. by school bus. The

Marine Corps band provided the music for the ceremony.

Speakers included two family members of the victims of Flight 93, Governor Mark Schweiker and Homeland Security Director and former Pennsylvania Governor Tom Ridge. The ceremony was also attended by President and Mrs. George Bush.

The names of the victims were read, followed by tolling bells. Family members of the victims waved American flags at the crowd as they left the site.

Cadets in attendance were Capt. Tom Leslie, 1st Lt. Adam Trabold, 1st Lt. Sean Barker, 2nd Lt. Shane Barker, Staff Sgt. Adam Mock, Airman Phil Partsch and Airman Basic Charlie Wilson.

Senior members in attendance included: 1st Lt. Barb Barker, squadron commander, 1st Lt. Jenice Mock and 2nd Lt. Cheryl Leslie.

1st Lt. Jenice Mock

MODEL ROCKET BUILDING



Members of New Jersey Wing's Allentown Composite Squadron build model rockets with Air Force Maj. Ron Gamache, second from right, and Aerospace Education Officer Maj. Stan Troyano of New Jersey Wing's Twin Pine Composite Squadron, far right.

Photo by Charlotte Rose Helge

MIDDLE EAST REGION

COMMANDER
COL. ROBERT T. TOWNSEND

DELAWARE * MARYLAND
NATIONAL CAPITAL * NORTH
CAROLINA * SOUTH CAROLINA
VIRGINIA * WEST VIRGINIA

MARYLAND — Maj. Gordon Hengst presented Cadet 2nd Lt. Joanna Barth of Maryland Wing's Fort McHenry Composite Squadron with her Gen. Billy Mitchell Award during the squadron's annual picnic.

Barth is a charter member of the Fort McHenry squadron and the squadron's first cadet to earn all of the achievements for the Mitchell award.

Hengst, also a Fort McHenry squadron member, is also an Air Force major assigned to the 694th Intelligence Group at Fort Meade, Md. He is also a qualified cadet orientation pilot and mission scanner, and is presently training for observer and mission pilot ratings.

1st Lt. Douglas Barth

VIRGINIA — Four cadets with the Winchester Composite Squadron were honored during a special evening ceremony Aug. 15 in the unit's training facility located at Winchester Regional Airport.

Awards were given by the chairman of the Winchester Regional Airport Authority, David



Maj. Gordon Hengst presents Cadet 2nd Lt. Joanna Barth of Maryland Wing's Fort McHenry Composite Squadron her Gen. Billy Mitchell Award during the squadron's annual picnic. Barth is the squadron's first cadet to earn all of the Mitchell award achievements. Hengst, also a member of the Fort McHenry squadron, is an Air Force major assigned to the 694th Intelligence Group at Fort Meade, Md.

C. Reichert, to 1st Lt. Travis Helbig and Cadet 2nd Lt. Isaac Needy.

Helbig earned the Amelia Earhart Award; Needy earned the Gen. Billy Mitchell Award.

During the ceremony, Lt. Col. Biff Genda, Air Force liaison officer to the Winchester squadron, had the honor of presenting two of his sons, Brian and Timothy, with the Mitchell award. This was a unique occasion as Genda's two oldest sons, Trey and Jeff, had also received the Mitchell award while serving in the CAP.

Trey is now a senior at the U.S. Air Force Academy. Cadets

Brian and Timothy Genda recently graduated from the CAP Academy in New Mexico.

1st Lt. Patricia Stanton

VIRGINIA — Three cadets from Hanover County Composite Squadron were presented with the Gen. Billy Mitchell Award.

Commander Col. Joseph Vazquez awarded Cadets 2nd Lts. Stephen Bohnke, Charles Belden and David Parrish with their awards.

1st Lt. Stewart Purvis

while in Ohio Wing's Parma Composite Squadron. Lt. Col. Middleton, the former Parma squadron commander, read the citations.

Participants in the challenge included cadets and senior members from Lake in the Hills, Boone County, Chicago O'Hare and Col. Shorty Powers Composite squadrons, and Group 22 and Group 2.

Among the notable attendees were Illinois Wing Commander Col. Jay Burrell, Illinois State Director Joseph Pate and Lt. Col. Roger Middleton, Great Lakes Region cadet programs officer.

2nd Lt. Paul Hanna

ILLINOIS — Seven members of the Chicago Midway Composite Squadron provided traffic control for the Palos Hills Emergency Services and Disaster Agency's annual festival.

Due to some streets being closed, squadron members also assisted in maintaining safety perimeters for the police dog demonstrations, an Army National Guard helicopter, a U.S. Coast Guard helicopter, and a fireworks display.

The Army National Guard flew a Chinook C-47 helicopter from Peoria, Ill., to the festival to serve as a static display, which allowed visitors to view the aircraft inside and out. The crew hosted an informal discussion about the Chinook and life in the Army before leaving and returning to their post.

10 mental and physical challenges for the honor of being called "king of the rock."

As well as scoring points in each event, the performance of each team was judged for its leadership, followership, military bearing and attitude.

The competition was close, but this year's winner was the Thunder Composite Squadron team. Team members were: Cadets Matt Boersema (team leader), Brian Skraba, Nick Kula, Roy Carpenter and Craig Porte.

At a special gathering, Col. Jay Burrell presented Ken Anderson and Rhonda Anderson CAP Meritorious Service awards for their previous service

As the Army departed, the U.S. Coast Guard arrived from Travers City, Mich., with their unmistakable orange and white HH-65-A Dolphin short-range recovery helicopter. While the Coast Guard gave tours of the aircraft, the Illinois Police Reserves worked the police dog demonstrations. At the end of the demonstrations, one of the dog handlers and her dog were honored for their work in the community of Palos Hills. They were both retiring from service.

Fireworks ended the festival.

Before squadron members left for home, Robert Ward, director of the Palos Hills ESDA, loaned an emergency locator transmitter to Maj. Robert Waichunas so members of the squadron could qualify to participate in ELT ground searches.

Squadron members attending the event were cadets David Barrett, Carlos Cervantes and Victor Cervantes.

Senior members attending were Capt. Art Urban, Capt. Walt Murray, 2nd Lt. Rod Rakic and Waichunas.

Maj. Robert Waichunas

INDIANA — Sixty-one members of the Indiana Wing carried out a coordinated mission named "Operation Grand Slam."

Aircraft and ground teams were sent out on missions and sorties in support of simulated homeland defense situations, natural disasters, and search and rescue training.

Mission base was at the Mount Comfort Airport.

All eight Indiana Wing aircraft were involved.

Leading the operation was Lt. Col. Patrick DeCallieras as incident commander. Capt. Mark Reeves served as the air branch director.

1st Lt. Erol Ali Cetinok

KENTUCKY — This summer members of the Louisville Composite Squadron saw several of their cadets off to basic encampments and several special activities.

A total of 10 cadets — almost a third of the squadron's membership — attended activities, which ranged from the region basic encampment to the International Air Cadet Exchange.

Several senior members also were present at the activities, offering their support and expertise.

Airman 1st Class Shawn Fay and Airman Brad Dwyer attended the Great Lakes Region Southern Cadet Basic

GREAT LAKES REGION

COMMANDER
COL. WILLIAM S. CHARLES

ILLINOIS * INDIANA
KENTUCKY * MICHIGAN
OHIO * WISCONSIN

ILLINOIS — Maj. Ken Anderson and Capt. Rhonda Anderson, members of Lake-In-The-Hills Composite Squadron, arranged the first annual "King of the Rock Challenge" Aug. 23-25.

Cadets participated in the challenge, which was held at Loves Park near Rockford, Ill.

Cadet teams competed against each other in a series of



David C. Reichert, chairman of the Winchester (Va.) Regional Airport Authority, presents 1st Lt. Travis Helbig of Virginia Wing's Winchester Composite Squadron with the Amelia Earhart Award.

Encampment at Camp Atterbury, Ind. Basic cadets 2nd Lt. Anthony Karas and Tech. Sgt. Arthur Ace served in staff positions at the Atterbury encampment. Attending the Great Lakes Region Cadet Leadership School at Atterbury were 2nd Lt. Yevgeniy Pinchuk and his brother, Tech. Sgt. Ivan Pinchuk. Lt. Col. Jason Munsel served in a standardization/evaluation position at both Atterbury and Alpena, Mich. Capt. Molly Schaeffer represented the squadron at the National Blue Beret. Lt. Col. Mark Tappendorf survived the Pararescue Orientation Course and Lt. Col. Matt Williams represented Civil Air Patrol in Belgium while participating in the IACE.

Cadet 1st Lt. Meggie Taylor

KENTUCKY — The second of three pararescue orientation courses — otherwise known as PJOC — was held at Camp Carlson Army Travel Camp near Radcliff, Ky., July 18-24.

The school introduces cadets to pararescue training, a program in the U.S. Air Force often referred to as the "pipeline."

The PJOC training is physically demanding and mentally intense. Extensive physical training in hot and often harsh field conditions, as well as team building skills, woodland survival, land navigation and shelter building, are all a part of the course curriculum required to graduate.

The standards set at PJOC are high, but with a positive attitude, most cadets are able to redefine their capabilities.

A milestone of the school requires students to negotiate a 150-foot rappel down a cliff in the town of West Point, Ky.

Not all those who attend graduate, but those who do "celebrate a new-found pride that can only be explained by participating in the activity."

Graduates have the honor of wearing the CAP PJOC activity patch and National Speciality Activity Ribbon upon graduation.

This year 35 graduated, including three members of the Puerto Rico Wing.

The staff at this year's PJOC at Fort Knox included: Missouri Air National Guard Maj. Mark Clark, activity director; Air Force Reserve Capt. Ron Martin, deputy director; Air Force Reserve Master Sgt. Jack Giralico, noncommissioned officer in charge; Washington Air National Guard Tech Sgt. Marty Martin, lead Instructor; Capt. Pam Sever of the New Mexico

Wing, rappel instructor; retired Air Force Tech. Sgt. William Preble, instructor; 1st Lt. Jose Roldan of the Puerto Rico Wing, instructor; Air Force Senior Airman April Johnson; and Air Force Airman 1st Class Jennifer Conry.

KENTUCKY — Members of the Boone County Composite, Golden Armor Composite, Air National Guard Composite and Frankfort Cadet squadrons, and the Kentucky Wing Headquarters came together for the 2002 Aviation Day held at Capitol City Airport, in Frankfort, Ky.

Members helped with traffic control, crowd safety, security of taxiways and exhibits.

A highlight of the event was the Kentucky Wing Headquarters aerospace booth that provided different activities for differing age groups. Cadets assisted younger attendees with their projects.

The Kentucky National Guard, who helped sponsor the event, had an aircraft display of the 123rd Airlift Wing's C-130 "Man of War," a C-23 Chirpa, a World War I Stearman, and a Cobra, Huey and Blackhawk helicopters. They also had a M-16, M-60 and Browning .50-caliber machine gun on display.

Members also helped the newly formed Frankfort Cadet Squadron with new-member recruiting.

Boone County members were: 1st Lt. Dennis Hardison, 2nd Lt. Chuck Weaver, 2nd Lt. Lee Root, Cadet Staff Sgt. Nathan Hardison and Cadet Airman Jeremy Schaffield.

Golden Armor Composite Squadron members were: Cadet Airman Basic Alex May, Cadet Airman Basic Arthur Cotton and Cadet Airman Basic Chris Watts.

Air National Guard Squadron members were: Capt. Darrel Williamson, Sr. Mbr. Abraham Hakiem-Zagier and Cadet Staff Sgt. James Krystaponis.

Frankfort Cadet Squadron members were: 1st Lt. Martin Mattingly, Cadet Airman Brian Stoops, Cadet Airman Basic Sean Altom and Cadet Airman Basic Emily Mattingly.

Maj. Phil Fowler, Kentucky Wing's director of aerospace education, organized CAP's participation.

Capt. Darrel D. Williamson

MICHIGAN — The Flint Bishop Composite Squadron hosted a Federal Aviation Administration Wings Safety Seminar and Cadet Orientation Flight Day for CAP members and the public.

Clyde Rinkinen, Detroit Metro Terminal Radio Control,

and Ron Bond, a Flint tower controller, presented a review of the air traffic control activity in Michigan air space and airports. The two men emphasized interaction between pilots and air traffic control personnel.

Rick Durden, an aviation attorney and AvWeb columnist, presented an entertaining and enlightening commentary on personnel aviation myths and fallacies with the FAA.

Detroit Flight Standard District Office personnel Carol Callan, operations safety program manager, and Rick Parmalee, safety program manager, were available to answer questions, and conduct pilot and aircraft courtesy examinations. In all, five aircraft were inspected.

Cadets from the Flint, Flushing and Lapeer Composite squadrons attended, and provided excellent assistance with ground activities.

Michigan Wing aircraft from Flint, Lapeer, Traverse City and Grand Rapids provided cadet orientation flights.

1st Lt. Bob Detman of the Flint Squadron organized and managed the breakfast and lunch buffets.

Capt. Chuck Menard

MICHIGAN — Nineteen Selfridge cadets attended the Great Lakes Regional Encampment this summer, and two were selected from Michigan applicants for the National Blue Beret program at Oshkosh, Wisc.

Cadet Tech. Sgt. Darrel Brault attended the academy and reached pre-solo level. Cadet Kevin Mitchell was the first to return wearing solo wings.

"Our cadets continue to surprise me with their activity level, and with the great discipline and knowledge they bring back from these activities," said Capt. Terri Couls, squadron commander. "At a time when it's tempting for most teens to sleep in, sit back and laze away their summer, our cadets are volunteering and making a serious personal investment for growth. We're proud of our squadron's effort, which includes significant senior member involvement as well."

Capt. Richard Thalmann, squadron vice commander, served as air operations officer for the regional encampment, and 2nd Lt. James Siciliano, squadron historian and Michigan Wing public affairs officer, served as the encampment's public affairs officer.

The Great Lakes Regional Encampment was held in Alpena, Mich., at the Alpena Combat Readiness Training

Center July 21-28. Cadets from the Selfridge squadron served as squadron leaders, and as administrative and air operations staff.

Attending the regional encampment were: Airmen Basic Sean Freebern and Randy Peterson; Airmen Goren Cejvanovic, Erin Flaga, Kristen Johnson, Charles Johnson, Anthony Korbely IV and Mike Markham; Airmen 1st Class Stephen Pew and Kyle Smith; Senior Airman Sean Croff; Staff Sgts. Daniel Adams (staff), Sarah Andreski, Brian Boykin, Kevin Mitchell (staff) and Christian Woods; Tech Sgt. Joshua McClaren; 2nd Lt. Kimberly Couls (squadron leader) and 1st Lt. David Clark (staff).

2nd Lt. Tim Moran

WISCONSIN — Members of the La Crosse Composite Squadron attended the annual cadet academy encampment at Volk Field Air National Guard Base in Camp Douglas, Wis.

Cadet Staff Sgt. Allison Schneller, 16, from Holmen Wis., earned the coveted title of Wisconsin Cadet Academy 2002 Honor Graduate. She was also presented with the Wisconsin Cadet Academy Honor Sabre by Sr. Mbr. Capt. Ryan Kranke, Wisconsin Cadet Academy chief leadership officer.

The wing encampment offers three separate cadet training programs: Wisconsin Basic School, Wisconsin Cadet Academy and Wisconsin Staff School. The cadets are assigned to one of the three different training programs. The program they enter depends upon their previous experience and goals.

1st Lt. Jim Hobelsberger

SOUTH-EAST REGION

COMMANDER
COL. ANTONIO J. PINEDA

ALABAMA ★ FLORIDA ★
GEORGIA ★ MISSISSIPPI ★
PUERTO RICO ★ TENNESSEE

FLORIDA — Members of the Weston Cadet Squadron participated in the city of Weston's fourth Annual "Christmas in July."

The event, which was held at Eagle Point Park in Weston, was a day of fun, games and

music for more than 75 foster children and their guardians.

Cadets and senior members assisted by serving hot dogs and hamburgers to the guests, as well as working children's games, which included a climbing wall.

With so much rain recently, the group was fortunate to have a sunny day for the activities.

Since the event was named "Christmas in July," what would Christmas be without snow? Ten tons of snow was delivered to the park. Snow and snowballs were flying everywhere.

Three Miami Dolphins football players — Derrick Rodgers, Patrick Surtain and Scott McGarrahan — signed autographs, talked with adults and played with children.

Members who participated in the event were: Capt. Jaime Rojas, commander, and Sr. Mbr. Rick Aronovski and 1st Lt. Cleiton Bezzera.

Volunteers were: V. Caban, Anthony Viviani, Enrique Mertins, Ivan Arguello, Christine Caban, Jesse Scanlon, Adam Aronovski, Eric Alvarez and Jesus Flores.

Capt. Diane Reid

FLORIDA — Cadets and senior members from the Weston Cadet Squadron participated in the city of Weston's 9th Annual 5K Race.

The day began early with cadets and seniors setting up and passing out cups of water to the hundreds of runners and walkers. The lesson of the day was to learn how to pass a cup of water, quickly, to a runner without getting drenched.

Within an hour after the race, cadets and seniors changed "gears" and uniforms, and prepared for the annual Fourth of July parade. Weston Cadet Squadron had the distinct honor of leading this year's parade to the cheers and applause of the hundreds of people who had lined the streets.

Participating members were: Capt. Jaime Rojas, commander; Sgt. Maj. Rick Aronovski; Cadet 1st Lt. Terry Reid, cadet commander; Cadet 1st Lt. Anthony Viviani, cadet deputy commander; Cadet Capt. Enrique Mertins, cadet executive officer; Cadet Master Sgt. Ivan Arguello; Cadet Airman 1st Class Megan Tindell; Cadet Airman 1st Class Jordan Rudin; Cadet Airman Basic Adam Aronovski; and Cadet Airman Basic Eric Alvarez.

Capt. Diane Reid

FLORIDA — Robinson High School announced the formation

of the MacDill Aviation Academy Squadron.

The squadron will be commanded by Mel Carr, an aerospace educator. He is presently completing his Level 1 training.

The new squadron is part of Florida Wing's Drug Demand

FLORIDA — Maj. Paul Cheval, cadet commander of the Coral Springs Cadet Squadron, has been named a College Board Scholar based on his AP scores last spring.

Cheval scored an average of 3.8/5 on all tests, with a solid 5 in both AP American History

served as first sergeant, deputy commander of cadets and then cadet commander.

Coker is now attending Georgia Southern University in Statesville, Ga. He is majoring in political science. His goal is be a U.S. Air Force officer after graduation.

2nd Lt. Jim Shaw

PUERTO RICO — Members of the Aguadilla Cadet Squadron visited a U.S. Air Force operation at Ramey Airfield.

The cadets got the chance to tour a C-141 Starlifter and a C-17 GlobeMaster III. They also visited the airfield's communications shack and watched a military police demonstration.

On a previous occasion, the Air Force gave the cadets a tour of a C-5 Galaxy.

"Activities like these are used for recruiting and aerospace education purposes," said Sr. Mbr. Francisco Ortega. "Hopefully, the next time we are invited, we'll have even more members of the squadron attend."

Sr. Mbr. Francisco Ortega

TENNESSEE — Sixteen-year-old J. Michael Whitmer of the Morristown Tennessee Composite Squadron earned the Gen. Billy Mitchell Award.

Whitmer, who is the acting cadet commander, earned the rank of second lieutenant and became the first cadet from the squadron ever to earn the award. The cadet joined an elite list of cadets, as only about 15 percent of cadet members nationwide reach this achievement.

A formal ceremony was held at the state capitol in Nashville. John Furgess, assistant commissioner for the Department of Veterans Affairs and the official representative of Governor Don Sundquist, presented Whitmer with his Mitchell award. The cadet also received a Tennessee Volunteer Commendation Award from the governor for his accomplishments and dedication to the community and state.

Whitmer has also been named an All-American Scholar by the U.S. Achievement Academy, has received the Academic Award of Merit and been named to The Who's Who Among High School Students in America. He is a student at Cosby High School, maintains a 3.6 GPA, and is a member of his school's football team.

TENNESSEE — More than 40 cadets from the Tennessee Wing and surrounding area

and AP Psychology.

"I want to take this opportunity to thank Cadet Cheval for his leadership by example and his selfless actions on behalf of the cadets of our squadron," said Maj. L.J. Rose, commander of the Coral Springs squadron. "He is a leader of uncommon ability and has never forgotten where he comes from. Congrats to Mr. Cheval also for his upcoming efforts in securing his appointment to West Point. I have great confidence he will succeed in gaining his appointment, which has been his goal as long as I have known him."

Col. Matthew R. Sharkey

GEORGIA — Tommy Coleman, mayor of Albany, Ga., presented the Gen. Billy Mitchell Award to Cadet Calvin Coker of Georgia Wing's Albany Composite Squadron during an awards ceremony.

Coker, who joined CAP in 1999, has participated in many squadron activities. He has



Photo by Cadet 2nd Lt. Joel Diaz

Cadet Master Sgt. Jose A. Rafols of Puerto Rico Wing's Aguadilla Cadet Squadron had the opportunity to sit in the cockpit of an Air Force C-17 during a tour of Ramey Airfield in Puerto Rico.

Reduction Program.

Gen. Hodges, a former Georgia Wing cadet, has pledged his support to help this school become a showplace for aerospace education.

Lt. Col. David Mikelson

GEORGIA — It was like it was right out of newspaper headline: Hawk intercepts nose cone!

Cadets from Georgia Wing's Group 4 met at 1st Lt. Evan Ebaugh's farm for a day of orientation and model rocketry. Shortly after Cadet Airman Long launched his rocket, the nose cone separated from the body of the rocket and it quickly "intercepted" and carried off by a passing hawk.

The rocket with the highest altitude that day — 1,200 feet — was built by Cadet Josh Ebaugh. Cadet Jason Leitner had the best spot landing.

Seven cadets participated in the event. They were: Senior Airman Stanfield, Senior Airman DeMott, Airman Andrews, Airman Basic Ebaugh, Poole, Airman Long, and Senior Airman Leitner. Lt. Col. Marl McCracken coordinated the rocket flights. 1st Lt. Ebaugh and 2nd Lt. Frank Keys assisted with the rocket launches.

2nd Lt. Jim Shaw



Cadet Maj. Paul Cheval

AE WORKSHOP



From left, Montgomery, Ala., teachers Amy Salter, Head Elementary School, and Dori Sippial, Thelma S. Morris Elementary School, work on an aerospace education project during a three-day aerospace education workshop at Head Elementary School. Sippial was one of 20 area teachers who attended. According to Salter, the workshop's coordinator, the event was expected have an impact on more than 600 area students. Kathy Baucom, CAP's Southeast Region director of Aerospace Education, also participated by talking to the teachers about CAP's various AE programs and leading numerous hands-on AE activities. The event was sponsored by Air Force Association Chapter 102 in Montgomery.

participated in Basic Leadership Training School (BLITS) held at Grubbs-Kyle Army National Guard Training Facility.

The school was sponsored by Group III of the Tennessee Wing.

A highlight of the week was the flag retirement ceremony. Nine flags were properly destroyed after being retired from service.

Other activities throughout the week included classes on drill and ceremonies, the proper wearing of the uniform, impromptu speaking, time management and the fundamentals of fellowship.

Class 02-01 is the fifth graduating class of BLITS, which was founded by Lt. Col. Leny Hamm and Capt. David Hunter in 1996.

Cadet Maj. Brian Kinner

TENNESSEE — Attending the Tennessee Wing's summer encampment were 130 cadet and 12 senior members.

The encampment was held at Fort Campbell, Ky.

Four cadets attended from the Alabama Wing and one from the South Carolina Wing.

Some of the activities that highlighted the encampment were rappelling with instructors assigned to the 101st Airborne Assault School. Cadets had to

be at least 13 years old to rappel. Those under the age limit spent their time at the 101st Airborne obstacle course.

The cadets also ventured through a land navigational course. They had to retrieve six hidden flags, as well as pick up trash along the way. The team that successfully completed the course and retrieved the most trash received a Conservationist Certificate at the awards banquet.

Probably the most popular adventure during the encampment was the C-130 Hercules flights. After two hours of waiting out thunderstorms, the aircrew managed two flights.

The also included a cadet competition. The event consisted of cadets being judged on most original cadence, drill and ceremony, and physical fitness. The physical fitness aspect consisted of sit-ups, pulls-ups and dips. The day ended with balloon fights. The team ending up with the driest cadets got the chance to splash the command staff, which consisted of three lieutenant colonels.

A formal banquet ended the week. Certificates, encampment ribbons and awards were presented to the cadets during the ceremony.

Senior command staff members were: Capt. Wanda

Myers of the Henry County Composite Squadron, commander; Lt. Col. Bronce Fitzgerald of the Oak Ridge Composite Squadron, deputy commander; and Capt. Terrence Biggers of the Rhea County Composite Squadron, cadet commandant.

Tennessee Wing Director of Cadets Lt. Col. Montille Warren, assisted all week.

The cadet command staff members were: Lt. Col. James Brantley, Lt. Col. Justin Fisher and Cadet Commander Lt. Col. Justin Robinette.

Capt. Wanda Myers

TENNESSEE —

Murfreesboro Composite Squadron presented colors at the 2002 Super-Pull-of-the-South at Chapel Hill, Tenn.

This was the 26th year of the event, which is officially sanctioned by the National Tractor Pull Association and sponsored by the Lion's Club of Chapel Hill. Attendance for the two-day event was estimated at more than 33,000.

Members of the Mustang color guard were: Cadet Tech. Sgt. Jonathan Bridges, Cadet Master Sgt. Kyle Brooks, Cadet Master Sgt. Charles Watson and Cadet Staff Sgt. Richard Allen.

The Squadron also had a recruiting booth at the event. The booth was staffed by: Chaplain (Capt.) David Bridges, Capt. Ron Inyart, Sr. Mbr. Marla Bridges, Cadet Airman 1st Class Tyler Irwin, Cadet Airman Cory Kowall and Cadet Basic Kerry.

Sr. Mbr. Gene E. McCall

entry with 125 riders turned out to be the largest registered team in the event.

The last overnight stop was in Anamosa, and wing members were there to help. Members of the East Iowa Cadet, Dubuque Composite and Washington-Brinton Cadet squadrons, and Iowa Wing staff secured a perimeter around the team's campsite and provided logistical support as the team made their way into town.

Wing members were presented with Air Force T-shirts and minted coins in appreciation for their outstanding efforts.

Former Secretary of the Air Force Dr. Sheila Widnall and her husband rode with the team and were hosted by Suzanne and Bill Goodman (Iowa deputy state director).

Members who participated were: Col. John Lalla, Lt. Col. Doug Tindal, Capt. Bob Benson,

pieces that have won state, national and International awards in the National Aeronautics Association's international Aviation Art Contest.

The featured pieces were watercolor paintings of a Piper J-3 Cub, one of which was painted in World War II CAP markings.

Lee Ann Nelson received the paintings on behalf of the museum during a ceremony at their annual fly in breakfast in August.

The museum has a small collection of rare and unusual aircraft, as well as many artifacts and displays commemorating the aeronautical achievements of Iowa aviators and citizens.

The cadets artwork is now on permanent display in the Greenfield Museum.

2nd Lt. Aaron Church

KANSAS — The Emerald City Composite Squadron



Kansas Wing members 1st Lt. Michelle Rojotte and Cadet Ryan Sageser review how to correctly use section charts during the McConnell Air Force Base Open House Sept. 15.

Capt. Eric Schneider, Capt. Jack Zuber, 1st Lt. Becki LeClere, Sr. Mbr. Chris Montag, Cadet 2nd Lt. A.J. Ohde, Cadet Senior Master Sgt. Jeff Schwan, Cadet Master Sgt. Louise Fawcett, Cadet Master Sgt. Sean Reberry, Cadet Airman 1st Class Bryan Church, Cadet Airman 1st Class Niki Montag, Cadet Airman 1st Class Ryan Muller, Cadet Airman 1st Class Ben Tiemann, Cadet Airman Tessa Poppe, and Cadet Airman Basic Andrew Tiemann.

Cadet Master Sgt. Louise Fawcett

IOWA — Cadets Airman Bryan Church and 2nd Lt. Aaron Church of the East Iowa Cadet Squadron donated several pieces of their award-winning artwork to the Iowa Aviation Museum in Greenfield, Iowa.

The collection included

their new Cessna C-172 to the public.

"It makes a huge difference to have that airplane on display. It gives the public a chance to connect the airplane to the role CAP plays in our community," Bradley said.

Sr. Mbr. Mark L. Sageser

MINNESOTA — Eighteen Minnesota Wing pilots attended an instrument ground school in September.

The course was held at St. Cloud State University, and was conducted by Lt. Col. Rich Vosilka and hosted by Tech. Sgt. Patrick Mattson, aviation department chair.

Members attending were: 1st Lt. Richard Yeager, Capt. Lyfu Vang, Lt. Col. Harlo Fechtelkotter, 2nd Lt. Hector Rodriguez, Capt. Rolf Carlson, Lt. Col. Richard T. Upton, 1st Lt. Jack Huber, Sr. Mbr. Jeffrey Cassel, Capt. Blaze Cunningham, 2nd Lt. Joel Roggenkamp, 2nd Lt. Mitchell Spinler, 1st Lt. Todd Walters, 2nd Lt. Paul Cook, Capt. Kevin Dunlevy, 2nd Lt. Mark Helseth, 2nd Lt. Rob Carlson, Maj. Charles Schumacher and 1st Lt. Bill Bernard.

Col. Kevin F. Sliwinski

MISSOURI — Missouri Wing's Frontier Composite Squadron received the Squadron of Merit Award.

The award was presented to the squadron by Medal of Honor recipient Donald Ballard.

Following the presentation, Ballard fielded questions with the cadets about his time in the Navy, and encouraged the cadets to aspire to great achievements in CAP and in future service to America.

1st Lt. Shannon Whitehead

many cadets not only with their first glider flight, but their first "stick time" in an aircraft.

Cadets learned about the theory of flight, how to control the aircraft, and ground operations and safety.

The glider flights were described by the cadets as "cool" and "awesome."

Capt. Gary Williams

ARIZONA — The Arizona Search Dogs and Task Force from the Phoenix area treated members of the Willie Composite Squadron to a unique opportunity — a demonstration how search dogs and their trainers work together to find and rescue people during disasters.

Hosted on Aug. 22, the team gave a two-hour lecture, a training demonstration and showed video footage shot during World Trade Center rescue efforts. Team member Capt. John Dean gave the training lecture.

The Oklahoma City bombing April 19, 1995, showed the severe need for trained responders, and search and rescue dog teams began to form.

"Our goal is to keep the dogs upbeat and relaxed," said Dean. "We praise them constantly and use only positive reinforcement, never punishment."

He told the squadron the dogs even learn to ignore food when commands are given, because they love to play so much, and so the work site simply becomes an extension of their play time. They train by playing everyday, with full drills and rescue practice two or three times a week.

Often the dogs will work 12 hours on, 12 hours off every day (up to 10 days) without stopping. The dogs don't know they are saving lives or finding bodies. For them, "it is all part of the game," said Dean.

The seriousness of the situation is the handler's responsibility, according to Dean.

"It's all about risk management, and before we send the dogs into a rescue situation, medical surveillance and hazardous material technicians have to give us clearance."

Task force team member Scott Krushak pointed out that statistics say up to 50 percent of the rescuers (people and dogs alike) at a response site will themselves become victims from taking unnecessary risks. The Task Force dogs train to minimize that risk. The dog's safety is paramount because, at the response site, they may climb over jagged metal, crumbling concrete and broken

NORTH CENTRAL REGION

COMMANDER
COL. REX E. GLASGOW

IOWA ★ KANSAS
MINNESOTA ★ MISSOURI
NEBRASKA ★ NORTH DAKOTA
SOUTH DAKOTA

IOWA — Iowa Wing cadets helped with the Des Moines Register's Annual Great Bike Ride Across Iowa.

The event averages 475 miles along west to east routes that vary each year. This year's ride began in Sioux Center and ended in Bellevue.

On this 30th anniversary of the ride, nearly 10,000 cyclists participated. The U.S. Air Force

SOUTH-WEST REGION

COMMANDER
COL. COLIN F. FAKE

ARIZONA ★ ARKANSAS
LOUISIANA ★ NEW MEXICO
OKLAHOMA ★ TEXAS

ARIZONA — Members of the Willie Composite Squadron took to the skies in August when cadets from squadrons 304 and 307 were given glider orientation flights.

The all-day activity provided

glass, and in loud and chaotic surroundings.

The training takes place at concrete reclamation areas and alongside heavy machinery, such as highway construction sites. The handlers bury themselves in debris for several hours at a time. The dogs then are given the command to "search."

The dogs are taught to bark constantly after they find someone because, in real life, it may take rescuers up to 20 minutes to hear the signal and reach them.

Another technique is for the handler to get into a barrel and shut the lid. Some dogs can find a person from half a mile away and can detect human scent 20 or 30 feet below the surface. Hormones released from people within sight are identified instantly — the challenge comes in finding a person they can smell, but can't see.

Each urban search and rescue team has at least four dogs and it takes two years of partnership and training for dog and handler alike to become certified federal search dogs. So far, 40 of those dogs have progressed beyond the basic level, and 10 have progressed to the highest possible level.

Thirty tons of search and rescue equipment accompanies the Phoenix team to each response, stored for deployment at the Arizona Emergency Operations Center in Phoenix.

The task force team is composed of seven fire fighters/paramedics and their dogs: John Dean with Reo and Chance; Reeny Shannon with Everest; Tom Shannon (Reeny's husband) with Zlata; Steve Rochford with Kona; Keith Davis with Rose; Scott Krushak with Sariah; and LaFond Davis with Sunny. Kona is a Belgian Malinois; all the other dogs are chocolate, black or yellow labrador retrievers.

During the demonstration, Cadet Staff Sgt. Tyler Pinckard and Cadet Airman 1st Class Samantha Patterson volunteered to be victims for the dogs to find.

Far less strenuous for themselves and their dogs, but still intense, was the team's involvement in the 2002 Olym-



Cadet Airmen 1st Class Tanya Brink of Arizona Wing's Deer Valley Composite Squadron soloed a glider for the first time this summer.



Glider instructor Phil Corbell shakes the hand of Cadet Master Sgt. Gabe Ruiz of Arizona Wing's Deer Valley Composite Squadron. The cadet obtained his private pilot license for gliders this summer.

pics in Salt Lake City.

"Because all air traffic was restricted and prohibited, we drove to Salt Lake City on three different buses, and our equipment was loaded onto three semi-trucks. We arrived 18 hours later," said Dean.

The team was on constant standby for the event, and never got to see any of the sporting events. Officials with the Federal Emergency Management Agency also called different members of the team to support the 1996 Olympics in Atlanta, 1997 KAL airline crash, a 1999 Oklahoma and 2000 Dallas/Fort Worth tornado, and the 2001 Houston floods.

Capt. Gary Williams

ARIZONA — Capt. Gary Williams turned over command of the Willie Composite Squad-

ron Aug. 29 to Capt. John Alexander.

The change-of-command ceremony and open house were held in the Chandler-Gilbert Community College Aviation Technology Building at William's Gateway Airport where the squadron meets.

Eighteen cadets, 22 senior members and guests attended the events.

Distinguished CAP guests included: Lt. Col. William Hawke, Arizona Wing vice commander; Maj. David Marsh, director of wing cadet programs; and Maj. Lori Timmons, former commander of the Willie squadron.

Other guests included: William's wife, Bonnie; his sons, Austin, 7, and Nicholas, 3 ½; new cadet recruits and their families; and staff members of the college.

As the new commander, Alexander's focus for the squadron will be to "enhance the senior member program, develop a cadet mentoring program, and get both cadets and seniors qualified as an emergency services ground team unit." He also foresees the squadron involved in "community service projects, particularly for the cadets." The most important thing, he believes, is to ask, "What do the cadets really want?"

William's final words of advice to the new commander: "There a lot of fine individuals here who have come together to form a unit or squadron of dedicated team members. Help them become even better."

Capt. Gary Williams

ARIZONA — Three more Arizona cadets have taken to the air on their own.

Cadets Master Sgt. Cheldon Hallett of the Paradise Valley Cadet Squadron and Airman 1st Class Tanya Brink of the Deer Valley Composite Squadron both soloed a glider for the first time this summer.

In addition, Cadet Master Sgt. David "Gabe" Ruiz, also of the Deer Valley squadron — who had previously soloed on his 14th birthday — obtained his private pilot license for gliders to commemorate his 16th birthday.

Phil Corbell was the instructor for all three cadets.

Hallett and Brink continue to work toward their private pilot license for gliders; Ruiz is pursuing his powered aircraft add-on license through his high school.

model rocketry program.

In all, the scholarships totaled \$1,675.

The squadron's DDR officer, Air Force Master Sgt. Steve Callon, assigned to Buckley Air Force Base, Colo., was on hand to explain to all the parents and cadets what the Air Force Drug Demand Program is and why it was founded. He emphasized how the squadron provides activities that are positive alternatives to drugs, and discussed how the classes he provides each quarter on drug and alcohol awareness help the cadets cope with peer pressure.

The cadets were called up to receive their checks and to share with the group the special activity or encampment they participated in during the summer that meant the most to them.

The cadets were also given a challenge to use the scholarship funds to set a goal for an encampment, training activity or national activity they feel would advance their cadet career during the summer of 2003, and to fund an activity or purchase the equipment needed to make that goal a reality.

According to Capt. Courtney Walsh, commander of the Valkyrie squadron, the wing is fortunate to have a proactive and enthusiastic DDR officer.

"Lt. Col. Jose Hernandez works hard to provide our squadrons with activities and reward opportunities," Walsh said.

Cadet participants included Miles Buckman, Daniel Halsig, Hannah Buckman, David Dobias, Andrew Turbes, Woody Atwood, Melissa Jennings, Patrick Mahan, Amanda Jennings, Kyle Isom, Tim Lee, Leif Sorenson, Tom Scheffel, Lorenzo Armijo, Johnathon Tate, Matt Stransky, Nathan Cuellar, Chad Wollam and Peter Johnson.

Capt. Courtney Walsh

UTAH — Members of the Weber Minuteman Composite Squadron hosted a field training exercise for cadets of Utah Wing's Northern Group.

A total of 32 cadets, 13 seniors, and four search and rescue dogs took part in the weekend event on top of Monte Cristo peak to sharpen their survival skills.

During the weekend, the group learned to make rain and wind-proof shelters, start fires without matches, and find and filter drinking water. They also learned to make a signal fire to help vector in any aircraft to the area.

The cadets were also given

ROCKY MOUNTAIN REGION

COMMANDER
COL. LYNDA C. ROBINSON

COLORADO ★ IDAHO
MONTANA ★ UTAH
WYOMING

COLORADO — Members of the Valkyrie Cadet Squadron hosted a celebration after a Sept. 17 promotions ceremony.

Thirty-one cadets in the squadron received scholarships from the Drug Demand Reduction Program ranging from \$25 to \$75 each. There was also a \$100 check for the squadron's

a chance to play victims for the SAR dog team that is part of the Northern Group. The cadets were instructed to hide in areas that would be used by someone lost and let the search dogs find them. At night, the cadets were challenged to a round of "escape and evasions" against the staff.

Members were from Utah Wing's Weber Minuteman, Golden Spike Composite and Phoenix Composite Squadrons.

Melinda Thornton

PACIFIC REGION

COMMANDER
COL. PHILLIP S. GROSHONG

ALASKA ★ CALIFORNIA
HAWAII ★ NEVADA
OREGON ★ WASHINGTON

CALIFORNIA – Cadets and a senior member from the Beach Cities Cadet Squadron assisted Little Company of Mary Hospital in Torrance with a biological attack drill. The cadets were the "victims" in a simulated nerve agent exposure scenario. They received preliminary instructions and were decontaminated, triaged and treated for symptoms. Some cadets were instructed to fall down during the decontamination process, requiring assistance from the medical staff.

"Preparing our community to handle terrorist attacks is an important part of what keeps our country safe and united," said Cadet Staff Sergeant Harry Tabata.

The drill was a valuable learning experience for the members and hospital staff and a chance for cadets to serve their community.

Cadet attendees included: Chief Master Sgt. Jeff Buentgen, Staff Sgt. Harry Tabata, and Senior Airmen Justin Tamashiro and Harry Hall. Maj. Sharleen Jordan supervised the cadets.

Cadet Chief Master Sgt. Jeff Buentgen

CALIFORNIA – Several cadets and seniors from squadrons in Southern California area worked together at the 16th Annual Old Fort MacArthur Days in Los Angeles, Ca.

Old Fort MacArthur Days is a military fair featuring reenactment groups dating from the Roman Legion to modern-day

special forces. Each group made its own authentic camp in different areas of Angels Gate Park, previously Fort MacArthur. Many groups also presented reenactments of battles and weapon-firing demonstrations. The profits from this event support the Fort MacArthur Military Museum, and is the museum's largest fund-raiser.

Cadet duties included parking and traffic direction, guarding access gates, patrolling for crowd safety in hazardous areas, keeping spectators out of demonstration areas, and moving crowds out of areas, when necessary. Event staff complimented CAP on their professionalism and dedication. They said, the fair "could not be held at such a large-scale level without their invaluable help."

Cadets and senior members of the Beach Cities Cadet, Chino Cadet, Burbank Angels Cadet, Brackett Composite and Clover Field Composite squadrons helped with crowd control, safety and parking. A total of 24 cadets and eight seniors participated.

The project officer was Lt. Col. Mark Williams. Cadet staff consisted of: Cadet Chief Master Sgt. Jeff Buentgen, cadet commander; Cadet Technical Sgt. Drew Marsaw and Cadet Staff Sgt. Sarah Penicks, flight commanders; and Cadet Master Sgt. Jack Tucker, first sergeant.

Cadets participants included: 2nd Lt. Thomas Hatch; 2nd Lt. Scott Marikian; Chief Master Sgt. Jonathan Schmidt; Master Sgt. Sara Goodman; Senior Airmen Christie Poetoehena and Joshua Roehling; Airmen 1st Class Amy Jones and Aaron Penny; Airmen Joshua Borges, Andrew Botts and Kyle Vanoy; and Airmen Basic Brandon Torres, Jose Torres and Joshua Poetoehena.

Cadet Chief Master Sgt. Jeff Buentgen

CALIFORNIA – Approximately 50 cadets and senior members of the Skyhawk Composite Squadron participated in a physically challenging day in the water at a local pool.

Trained safety divers and swimmers carefully observed unit members as they learned and practiced some basic drown-proofing methods.

As an added dimension to the water training, the cadets were given an introduction to scuba skills and snorkeling methods by trained dive masters. The cadets also competed in breath-holding contests, and exercises that taught them how to relax in the water to save their energy and oxygen.



Above, Cadet Laurel Day of California Wing's Skyhawk Composite Squadron receives an introduction to scuba diving from certified dive masters who volunteered to help train the cadets during a squadron-sponsored water survival training class. Below, Cadet Kyle Wheeler uses clothing to create flotation devices in the water.



Photos by 1st Lt. Audrey DiGiantomasso

The training included learning "buddy" swimming techniques, which taught the cadets to work cooperatively and effectively with another swimmer in the water under stress.

Trained U.S. Navy and specially trained CAP members taught the participants how to use their clothing as flotation devices, as well as other water survival methods similar to what the Navy teaches their own pilots and aircrews.

The training challenged the members-young and old alike. It

will prepare the Civil Air Patrol Members to work in and around the waters of San Diego and other agencies such as the Coast Guard Auxiliary.

1st Lt. Audrey DiGiantomasso

CALIFORNIA – Members of the Chino Cadet Squadron participated in the Norco Annual Clean up day this fall.

Several cadets and seniors joined forces with the community to clean up various streets and trails throughout Norco, Calif.

Recycling is a big part of the

event. Some squadron members disposed of tires, while others helped recycle electronics.

During the event, cadets also discovered working computers, scanners and televisions.

Free T-shirts, fly swatters and donuts were distributed, and lunch was donated by a local fast food restaurant.

1st Lt. Andrea Binder

CALIFORNIA — Members of the Bracket Composite Squadron received several awards recently.

The squadron was presented with the awards — including the Group 1 Composite Squadron of the Year award — at the California Wing annual awards banquet in Van Nuys, Calif.

Those receiving awards were: Maj. Lou Kovacs, Safety Officer of the Year; Chaplain (Capt.) Michael McKinney, Silver Sword — Newsletter of the Year; and 1st Lt. Adelle McKinney, Public Affairs Officer of the Year.

Representing the squadron at the dinner were: Lt. Col. Jerry Prickett, commander; Lt. Col. Ken Hartwell, deputy commander of cadets; Cadet 1st Lt. Scott Marikian, cadet commander; and Lt. Col. George and Mrs. Fischer; Chaplain and Adelle McKinney.

Congratulations were given to all of the senior members and cadets who gave so much of their time and effort to the Brackett squadron.

1st Lt. Adelle McKinney

CALIFORNIA — California Wing's San Jose Squadron deployed a two-airplane "strike" team with six aircrew members to Bakersfield, Calif., Aug. 3

The aircraft were equipped with slow-scan TV equipment and were sent in response to a California Office of Emergency Services request for real-time video images.

The images were used to assess possible damage in a California Wing disaster response exercise in the Bakersfield area. The DRE was in "response" to a major earthquake emergency located in Kern County.

In addition to the SSTV equipment, the team brought

radios and antenna equipment to receive images at the DRE base.

Working against heavy turbulence in the late afternoon mountains, aircrew members succeeded in transmitting images to the base in Bakersfield that were, in turn, sent to the simulated command post.

Strike team members included: Lt. Bruce Chopper, scanner and cameraman; scanner mission staff assistant 1st Lt. Florian Dejako, camera-

man; mission check pilot Lt. Kerry Kurasaki; mission pilot Lt. Col. Paul Reed; Lt. Col. Donald Towse, technical specialist and ground system operator; all of Squadron 80; and mission pilot trainee Lt. James Anthony.

Lt. Col. Donald Tows

CALIFORNIA — Members of the North Orange County Composite Squadron spent a recent Saturday learning the life saving skills of cardiopulmonary

resuscitation and basic first aid.

Eight senior members and one cadet were trained in adult and child CPR and basic

first aid by Capt. Kmiecek, from the Lewis Composite Squadron in Illinois. Kmiecek was in California on a business trip and volunteered his time to assist Squadron members with this important training. Kmiecek is a certified instructor with the American Red Cross.

CPR and first aid training are essential skills for anyone involved in search and rescue or outdoor activity. The squadron is organizing itself as an emergency services oriented squadron, and this training is the first step in reaching that goal. Members are now better prepared to respond to emergencies such as injuries or cases of sudden cardiac arrest.

Sr. Mbr. Chris Storey

NEVADA — Lt. Col. Rezk Mohamed II was appointed as Nevada Wing's director of homeland security.

Mohamed has previously served as the wing's vice commander, executive officer, director of counterdrug operations and chief of standardization and evaluation. Previously Mohamed was the commander of Idaho Wing's Eagle Rock Composite Squadron.

"The Nevada Wing is looking forward to the promise of a new and dynamic fiscal year 2003," Mohamed said.

1st Lt. Ken Gilkerson

C-141 SIMULATOR VISIT



Members of California Wing's Cable Composite Squadron pose for a photo on the flight deck of a C-141 Globemaster simulator during a visit to March Reserve Air Force Base, Calif. Pictured, from left, are: 2nd Lt. George Takahashi, Maj. Gene Jozens, Cadet Airman Armando Celaya, Cadet Basic Shawn Meyer and squadron commander 1st Lt. Tony Settember.

The Final Salute

Lt. Col. Samuel Berkowitz
Fort Lauderdale
Composite Squadron
Florida Wing

Cadet Jarrod M. Carroll
Lee's Summit
Composite Squadron
Missouri Wing

Capt. Edwin C. Graebner
Firelands
Composite Squadron
Ohio Wing

Maj. Richard F. Grosser
Lakefront T-Birds
Composite Squadron
Ohio Wing

Morton A. Karsh
Nellis Senior Squadron
Nevada Wing

Charles R. Lynch
CAP Patron
Idaho Wing

1st Lt. Mollie McBey

Skagit Composite Squadron
Washington Wing

Lt. Col. Richard L. Smith
Tidewater
Composite Squadron
Virginia Wing

Sr. Mbr. Andrew S. Regn
Delaware Valley Flight
New Jersey Wing

Col. Edward J. Whisler
Iowa Wing

The Civil Air Patrol News publishes the name and unit of present or former CAP members who have passed away. Notices should be submitted in accordance with CAP Regulation 35-2 and mailed to: CAP/DP, 105 S. Hansell St., Building 714, Maxwell AFB, AL 36112-6332.

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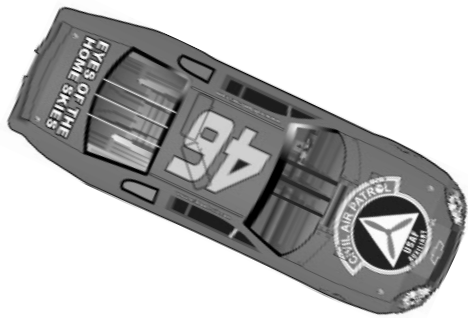
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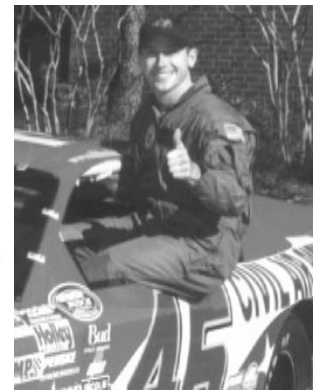
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Ashton Lewis



Lewis drives to 9th-place finish in Ford 300

CAP Chevrolet 2002 racing season comes to end in Florida

HOMESTEAD, Fla. — Ashton Lewis Jr. piloted the Civil Air Patrol Chevrolet to a ninth-place finish in the season-finale Ford 300 at Homestead Miami Speedway Nov. 16.

This top-10 finish moved Ashton up to 17th place in driver's points, and moved car owner Ashton Lewis Sr. to 22nd place in owner's points.

"It's definitely the way we wanted to end the 2002 season — with that kind of solid run," Ashton said.

Ashton qualified the CAP Chevrolet in the 13th position, with a lap time of 35.519. The pole position was won by the No. 21 of Jeff Green, with a lap time of 35.825. The team was a bit concerned after "happy hour" when they did not achieve the speed they knew they would need to be competitive. After a brainstorming session, the crew made some changes to the car the morning before the race.

"I was a bit concerned when the race first started. The car felt pretty good, but I got caught up in traffic and I didn't want to get too aggressive that early on. I knew Charlie (Lewis, crew chief) and Butch (Lamoreux, car chief) would do a good job working on it. They made some great adjustments," Ashton said.



Cadets from Florida Wing's Tamiami Composite, and Miami Beach and Weston Cadet squadrons unveil a giant American flag in front of thousands during opening Ford 300 ceremonies at Homestead Miami Speedway, Fla. The wing played a major role at the final race of the NASCAR Busch Series season. Presenting the colors was the winning color guard team from

this year's CAP National Cadet Competition — an all-female team comprised of members from the Tamiami, and SRQ Composite and Lantana-Lakeworth Cadet squadrons. In addition, Capt. Steve Schack, Tamiami squadron commander, and four cadets stood alongside members of the CAP race team while the national anthem was played.

Early in the race, Ashton struggled with the car being tight through the center. On lap 22, during the first caution of the race, the crew made some changes. Even though the car was still a bit tight, Ashton discovered if he used the apron of the track he could roll through the center of the turns. By lap 74, he was not only tight in the turns, but tight off.

On lap 93, Ashton brought the CAP Chevrolet down pit road for a green flag pit stop. The crew put on four tires, filled the car with fuel,

made air pressure and track bar adjustments. After this pit stop, Ashton said he was happy with the car.

On lap 112, the third caution flag of the day came out and the team decided to pit. They put on two tires and topped off the fuel. This stop put Ashton in fourth position. He stayed competitive with the leaders, driving in the top six until lap 186. Charlie Lewis knew the CAP Chevrolet would be about four laps short on fuel and they would have to stop. When the

leader came down pit road on lap 186, Ashton did the same. He made a three-second pit stop, but came back out on the track in 11th with 12 laps to go. By the time the checkered flag fell, Ashton had worked his way into ninth position.

"Today the team just did such a great job. It's exactly what we needed going into the winter," said Ashton. "We've had three top-10 finishes in the last four races, and it seems we are really starting to put it all together. I think this is great momentum for the 2003 season."

CAP RACING MERCHANDISE



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